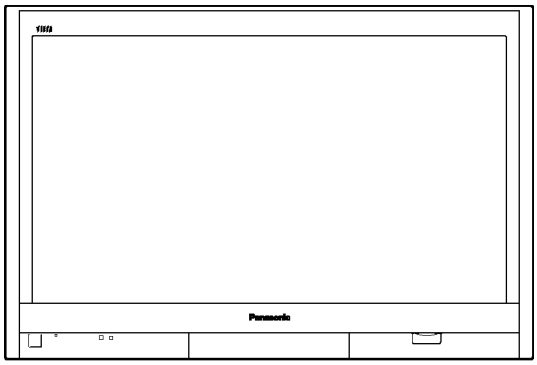
ORDER NO.PCZ0604031CE

Service Manual

Plasma Television

TH-50PV600E / TH-50PX600B

GP9DE Chassis



SPECIFICATIONS

Specifications

›ower Source	AC 220-240 V, 50 / 60 Hz
›ower Consumption	
Average use	368 W (TH-50PV600E), 377W (TH-50PX600B)
Standby condition	0.3 W (TH-50PV600E)
	0.3 W (TH-50PV600E Without DVB recording), 20W (TH-50PX600B with DVB recording)
›lasma Display panel	
Drive method	AC type
Aspect Ratio	16:9
Contrast Ratio	Max 10000:1
/isible screen size	127 cmV
W × H × Diagonal)	1,106 mm (W) × 622 mm (H) × 1,269 mm (diagonal)
No. of pixels)	1,049,088 (1,366 (W) × 768 (H)) [4,098 × 768 dots]
Sound	
Speaker	Woofer (ϕ 80 mm) × 2 pcs, Tweeter (23 mm × 100 mm) × 2 pcs
Audio Output	31 W (15.5 W + 15.5 W), 10% THD
Headphones	ϕ 3.5 mm stereo mini Jack × 1
›C signals	VGA, SVGA, XGA

♦ ♦ ♦ ♦ ♦ ♦

SXGA (compressed)

Horizontal scanning frequency 31 - 69 kHz

Vertical scanning frequency 59 - 86 Hz

Receiving Systems / / Band Name (TH-50PV600E)	PAL B, G, H, I, SECAM B, G SECAM L / L'		
	VHF E2 - E12	VHF H1 - H2 (ITALY)	
	VHF A - H (ITALY)	UHF E21 - E69	
	CATV (S01 - S05)	CATV S1 - S10 (M1 - M10)	
	CATV S11 - S20 (U1 - U10)	CATV S21 - S41 (Hyperband)	
	PAL D, K, SECAM D, K		
	VHF R1 - R2	VHF R3 - R5	
	VHF R6 - R12	UHF E21 - E69	
	PAL 525/60		
	Playback of NTSC tape from some PAL Video recorders (VCR)		
	M.NTSC		
	Playback from M. NTSC Video recorders (VCR)		
	NTSC (AV input only)		
	Playback from NTSC Video recorders (VCR)		
Receiving Systems / / Band Name (TH-50PX600B)	PAL I		
	UHF E21 - 68.		
	PAL 525/60		
	Playback of NTSC tape from some PAL Video recorders (VCR) or NTSC disc playback from DV player and recorder.		
	DVB		
	Digital terrestrial services via UHF aerial input.		
	M.NTSC		
	Playback from M.NTSC Video recorders (VCR).		
	NTSC (AV input only)		
	Playback from NTSC Video recorders (VCR).		
Aerial - Rear	VHF / UHF (TH-50PV600E), UHF (TH-50PX600B)		
Operating Conditions	Temperature : 0 °C - 40 °C		
	Humidity : 20 % - 80 % RH (non-condensing)		
Connection Terminals			
AV1 (Scart terminal)	21 Pin terminal (Audio / Video in, Audio / Video out, RGB in)		
AV2 (Scart terminal)	21 Pin terminal (Audio / Video in, Audio / Video out, S-Video in, Q-Link)		
AV3 (Scart terminal)	21 Pin terminal (Audio / Video in, Audio / Video out, RGB in, S-Video in, Q-Link)		
AV4 VIDEO	RCA PIN Type × 1	1.0 V[p-p] (75 Ω)	
S-VIDEO	Mini DIN 4-pin	Y:1.0 V[p-p] (75 Ω) C:0.286 V[p-p] (75 Ω)	
AUDIO L - R	RCA PIN Type × 2	0.5 V[rms]	
Others COMPONENT	Y	1.0 V[p-p] (including synchronization)	
	P_B, P_R	±0.35 V[p-p]	
HDMI 1/2	TYPE A Connectors		
PC	HIGH-DENSITY D-SUB 15PIN	R,G,B/0.7 V[p-p] (75 Ω) HD, VD/TTL Level 2.0 - 5.0 V[p-p] (high impedance)	
AUDIO L - R	RCA PIN Type × 2	0.5 V[rms]	
CARD slot	SD CARD slot × 1		
Output AUDIO L - R	RCA PIN Type × 2	0.5 V[rms] (high impedance)	
Dimensions (W × H × D)	1,266 mm × 802 mm × 138 (panel part: 95) mm		
Weight	43.0 kg Net		

Notes:

-Design and Specifications are subject to change without notice. Weight and Dimensions shown are approximate.

-This equipment complies with the EMC standards listed below.
EN55013, EN61000-3-2, EN61000-3-3, EN55020, EN55022, EN55024.

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

Panasonic®

1. Applicable signals

Applicable input signal for Component (Y, P_B, P_R), HDMI and PC (D-sub 15P) (* Mark)

Signal name	Horizontal frequency (kHz)	Vertical frequency (Hz)	Component	HDMI	PC
525 (480) / 60i	15.73	59.94	*	*	
525 (480) / 60p	31.47	59.94	*	*	
625 (576) / 50i	15.63	50.00	*	*	
625 (576) / 50p	31.25	50.00	*	*	
750 (720) / 60p	45.00	60.00	*	*	
750 (720) / 50p	37.50	50.00	*	*	
1,125 (1,080) / 60i	33.75	60.00	*	*	
1,125 (1,080) / 50i	28.13	50.00	*	*	
640 x 400 @70 Hz	31.46	70.07			*
640 x 480 @60 Hz	31.47	59.94			*
640 x 480 @75 Hz	37.50	75.00			*
800 x 600 @60 Hz	37.88	60.32			*
800 x 600 @75 Hz	46.88	75.00			*
800 x 600 @85 Hz	53.67	85.06			*
1,024 x 768 @60 Hz	48.36	60.00			*
1,024 x 768 @70 Hz	56.48	70.07			*
1,024 x 768 @75 Hz	60.02	75.03			*
1,024 x 768 @85 Hz	68.68	85.00			*
1,280 x 1,024 @60 Hz	63.98	60.02			*
Macintosh13" (640 x 480)	35.00	66.67			*
Macintosh16" (832 x 624)	49.72	74.54			*
Macintosh21" (1,152 x 870)	68.68	75.06			*

Note: Signals other than above may not be displayed properly.
The above signals are reformatted for optimal viewing on your display.

2. Safety Precautions

2.1. General Guidelines

1. **When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.**
2. **After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.**
3. **After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.**

2.2. Touch-Current Check

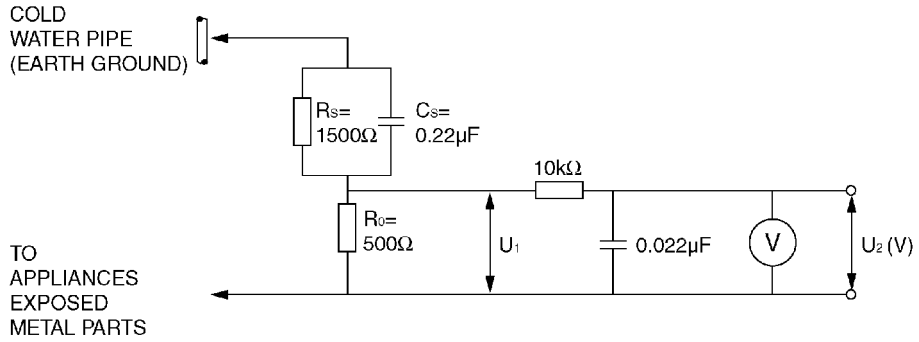
1. **Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.**
2. **Connect a measuring network for touch currents between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.**
3. **Use Leakage Current Tester (Simpson 228 or equivalent) to measure the potential across the measuring network.**
4. **Check each exposed metallic part, and measure the voltage at each point.**
5. **Reserve the AC plug in the AC outlet and repeat each of the above measure.**
6. **The potential at any point (TOUGH CURRENT) expressed as voltage U_1 and U_2, does not exceed the following values:**
   For a. c.: U_1 = 35 V (peak) and U_2 = 0.35 V (peak);
   For d. c.: U_1 = 1.0 V,

Note:
The limit value of U_2 = 0.35 V (peak) for a. c. and U_1 = 1.0 V for d. c. correspond to the values 0.7 mA (peak) a. c. and 2.0 mA d. c.
The limit value U_1 = 35 V (peak) for a. c. correspond to the value 70 mA (peak) a. c. for frequencies greater than 100 kHz.

7. **In case a measurement is out of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.**

Figure 1

Measuring network for TOUCH CURRENTS



Resistance values in ohms (Ω)

V: Voltmeter or oscilloscope
(r.m.s. or peak reading)

Input resistance: ≥ 1 MΩ
Input capacitance: ≤ 200 pF
Frequency range: 15 Hz to 1 MHz and d.c. respectively

NOTE - Appropriate measures should be taken to obtain the correct value in case of non-sinusoidal waveforms.

3. Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electro static discharge (ESD).

1. **Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.**
2. **After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as alminum foil, to prevent electrostatic charge buildup or exposure of the assembly.**
3. **Use only a grounded-tip soldering iron to solder or unsolder ES devices.**
4. **Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.**
5. **Do not use freon-propelled chemicals. These can generate**

electrical charges sufficient to damage ES devices.

6. **Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, alminum foil or comparable conductive material).**
7. **Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.**

   Caution

   Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. **Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise hamless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).**

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are imporant for safety.
These parts are marked by ⚠ in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

4. About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.
In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.
The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).
That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.
This model uses Pb Free solder in it's manufacture due to environmental conservation issues.
For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.
PCBs manufactured using lead free solder will have the PbF within a leaf Symbol



stamped on the back of PCB.

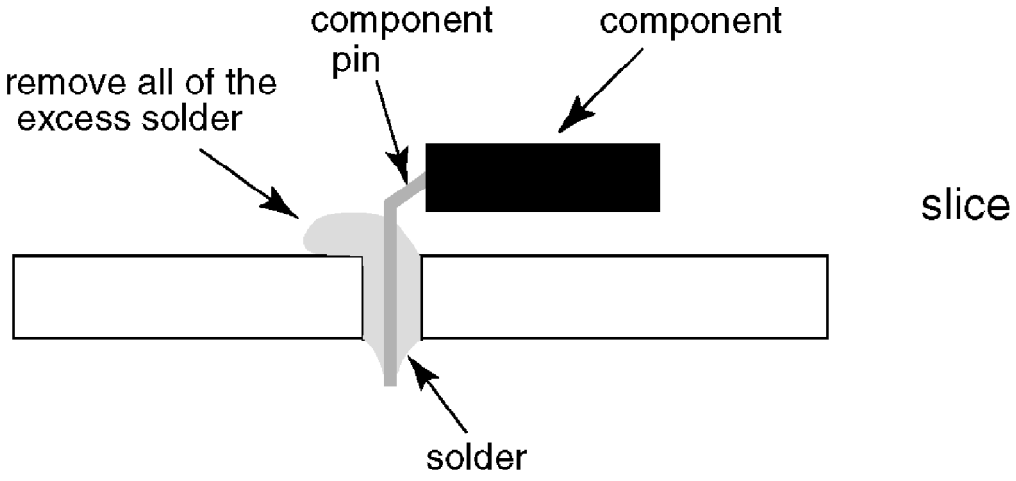
Caution

- Pb free solder has a higher melting point than standard solder. Typically the melting point is 50 ~ 70 °F (30~40 °C) higher. Please

use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).

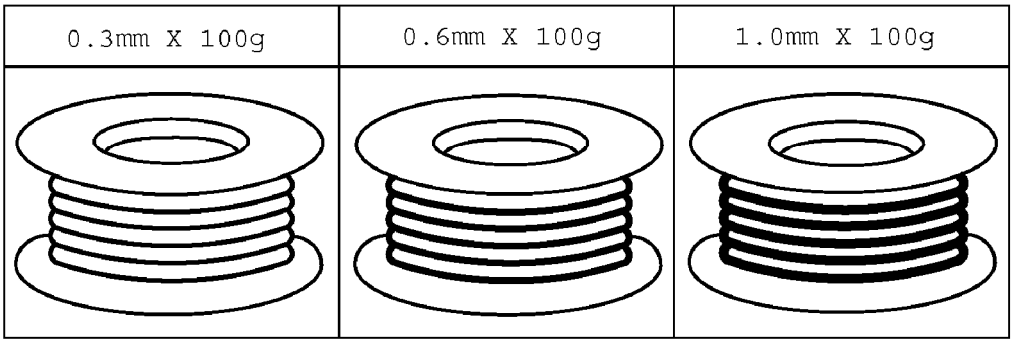
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).
If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.

- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



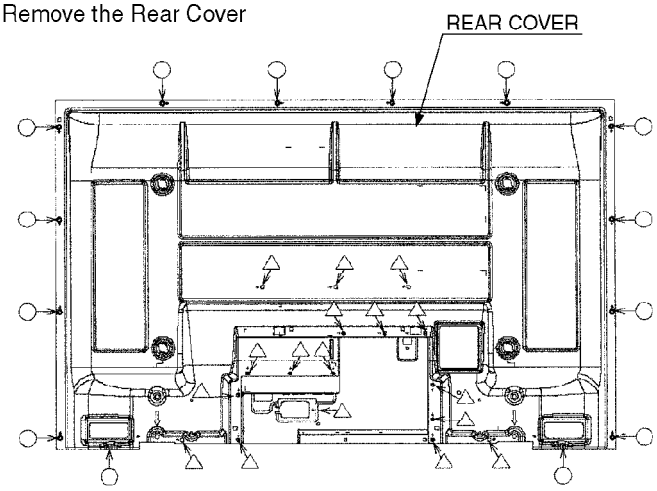
Suggested Pb free solder

There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.



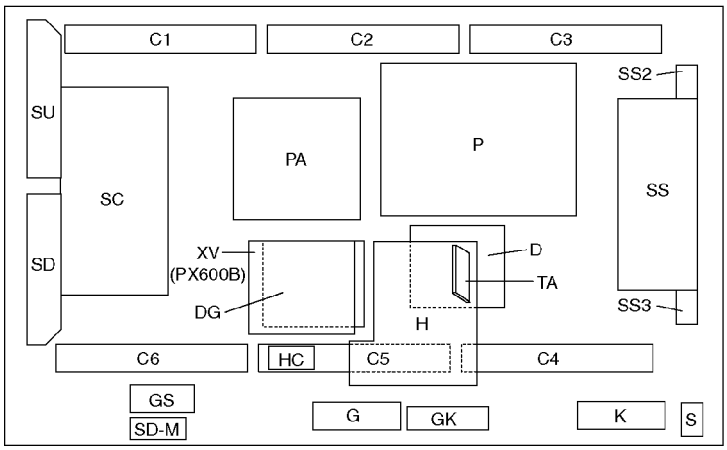
5. Service Hint

Remove the Rear Cover



Remove:
14 screws (O) XTB4+12GFJK
17 screws (△) THEL0429

Service Position



Board Name	Function	Board Name	Function
P	Power Supply	C1	Data Driver (Upper Right)
PA	DC-DC Converter, Power SOS, / Speaker out, Audio AMP, Fan Control	C2	Data Driver (Upper Center)
		C3	Data Driver (Upper Left)
H	AV Terminal, AV Switch, MSP	C4	Data Driver (Lower Left)
TA	Tuner	C5	Data Driver (Lower Center)
DG	Digital Signal Processor, Micom, HDMI Interface	C6	Data Driver (Lower Right)
XV	D-TV Interface (PX600B only)	SC	Scan Drive
D	Format Converter, Plasma Ai, Sub-Field Processor	SU	Scan out (Upper)
HC	Jig Connection	SD	Scan out (Lower)
K	Remote receiver, Power LED	SS	Sustain Drive
S	Power Switch	SS2	Sustain Connector (Upper)
G	Front Terminal	SS3	Sustain Connector (Lower)

Board Name	Function	Board Name	Function
GK	Key Switch	SD-M	SD Module (MPEG4/PHOTO viev recording) None serviceable. SD Module should be exchange service.
GS	SD Card Slot		

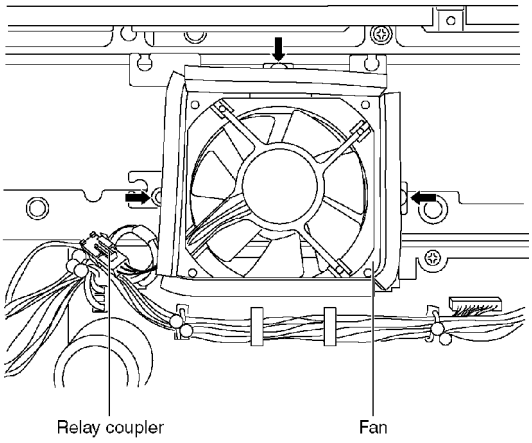
6. Plasma panel replacement method

6.1. Remove the Back cover

1. See Service Hint (Section 5)

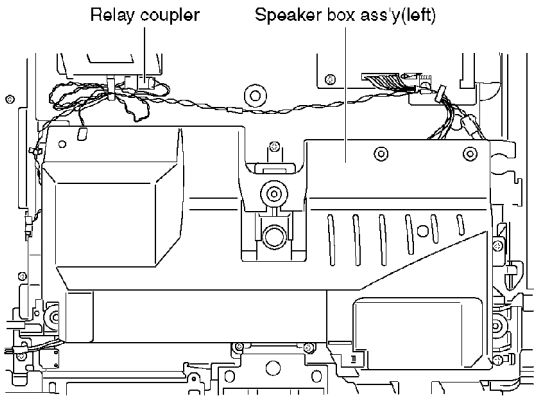
6.2. Remove the fan

1. Disconnect the relay couplers.
2. Remove the screws (×3➡ each) and remove the fans.



6.3. Remove the Speaker box ass'y (left)

1. Unlock the cable clampers to free the cable.
2. Disconnect the relay coupler.
3. Remove the Speaker box ass'y (left).

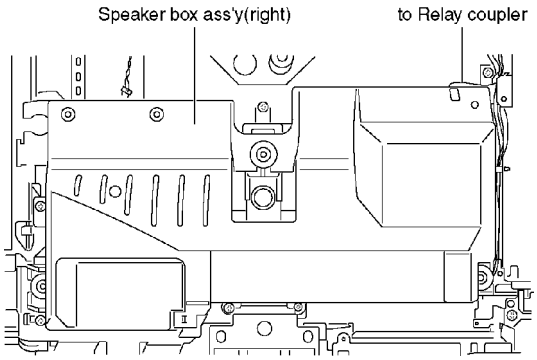


6.4. Remove the Speaker box ass'y (right)

1. Unlock the cable clampers to free the cable.

2. Disconnect the relay coupler.

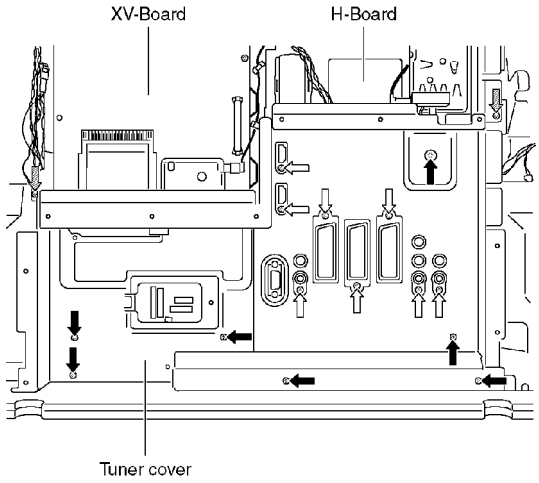
3. Remove the Speaker box ass'y (right).



6.5. Remove the tuner cover

1. Remove the screws (×7➡, ×8⇨, ×2).

2. Remove the tuner cover.



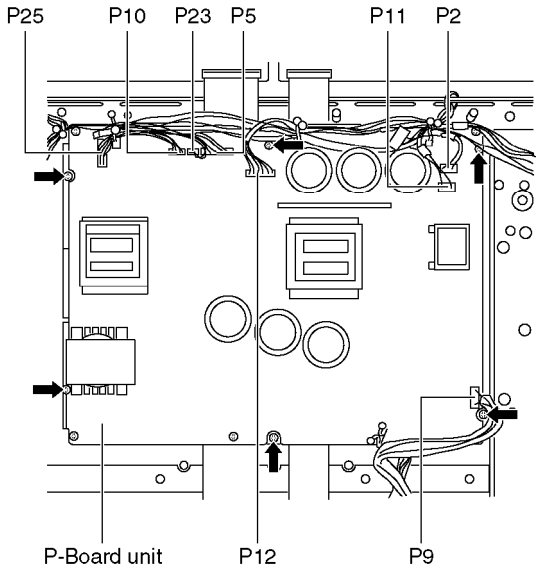
6.6. Remove the P-Board

Caution:

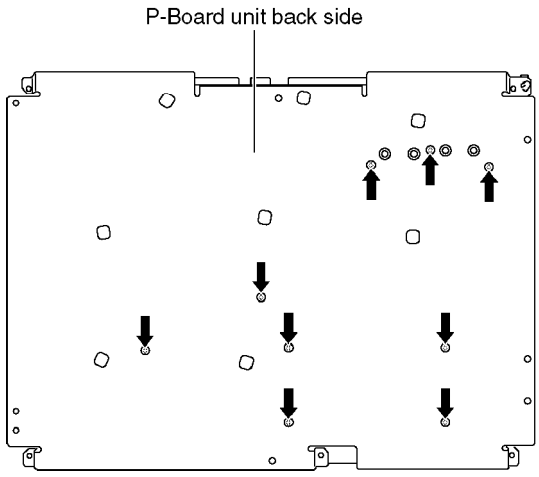
To remove P.C.B. wait 1 minute after power was off for discharge from electrolysis capacitors.

1. Disconnect the couplers (P2, P5, P9, P10, P11, P12, P23 and P25).

2. Remove the screws (×6➡) and remove the P-Board unit.



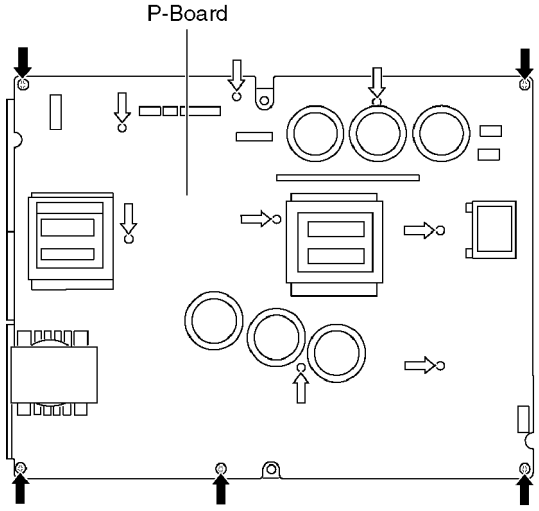
3. Remove the screws (×9➡) on the back side.



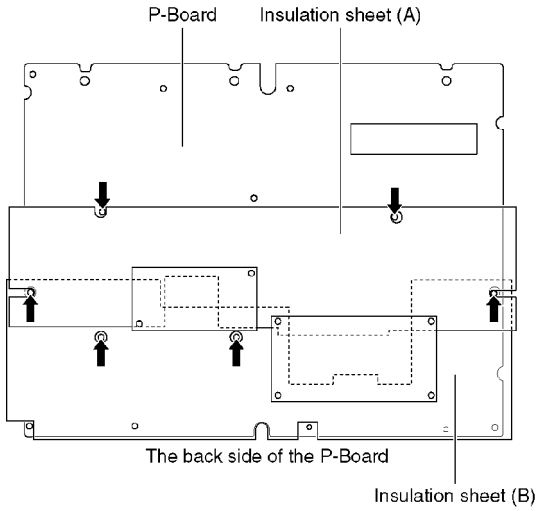
4. Remove the screws (×5➡).

5. Remove the molding props (×8⇨).

6. Remove the P-Board.

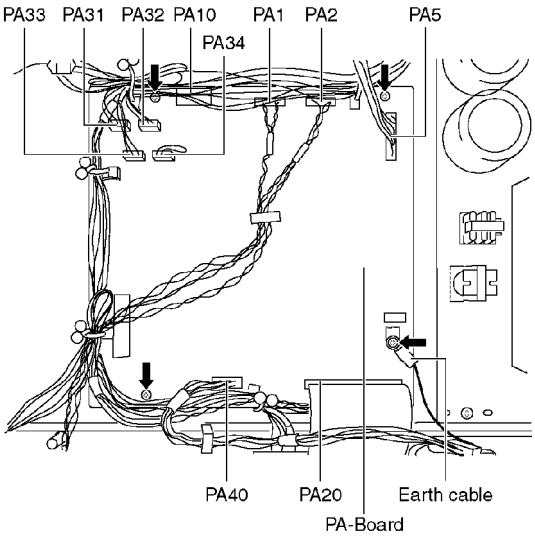


Note:
When assembling the P-Board, the position of each hole of the insulation sheets (A and B) is set to the position of each hole of the P-Board, then assemble them. (➡ marks indicate setting positions.)



6.7. Remove the PA-Board

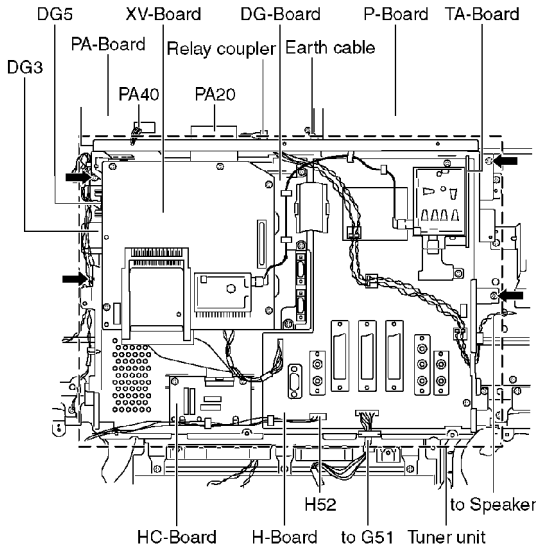
1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (PA1, PA2, PA5, PA10, PA31, PA32, PA33, PA34 and PA40).
3. Disconnect the flexible cable (PA20).
4. Remove the screws (×4➡) and remove the earth cable.
5. Remove the PA-Board.



6.8. Remove the tuner unit

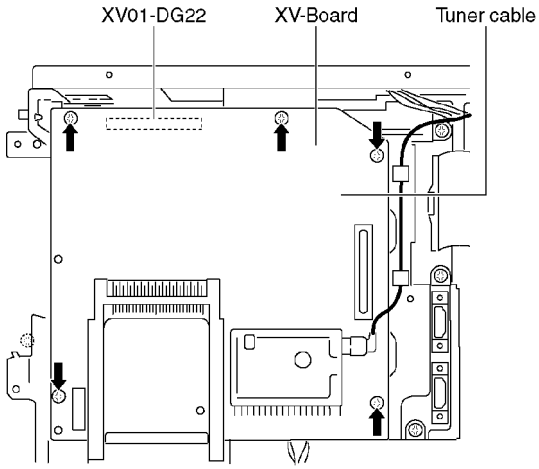
1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (DG5, G51, H52, PA40 and earth cable).

3. Disconnect the flexible cables (DG3 and PA20).
4. Disconnect the relay couplers and remove the speaker cables.
5. Remove the screws (×4➡) remove the tuner unit.



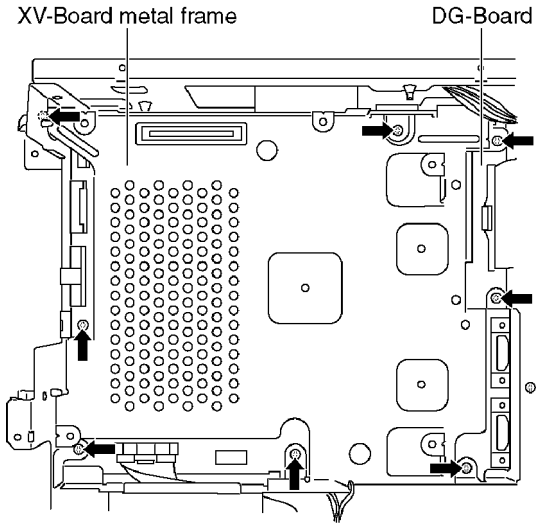
6.9. Remove the XV-Board (PX600B)

1. Unlock the cable clampers to free the cable.
2. Disconnect the tuner cable.
3. Remove the screws (×5➡) remove the XV-Board.
   (Be careful the coupler (XV01-DG22) when remove the XV-Board.)

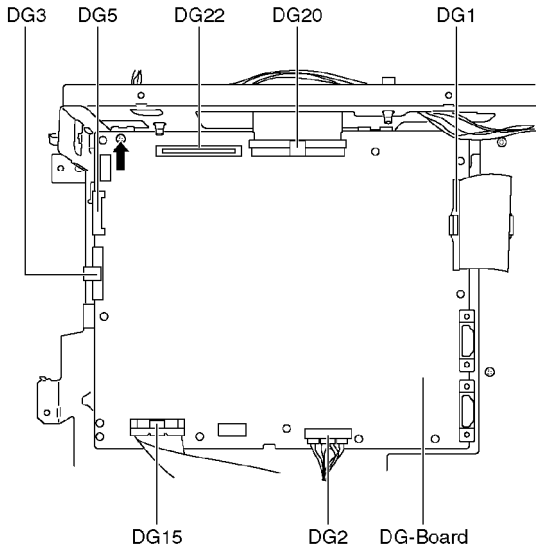


6.10. Remove the DG-Board

1. Remove the XV-Board (PX600B). (See section 6.9.)
2. Remove the screws (×8➡) and remove the XV-Board metal frame (PX600B).

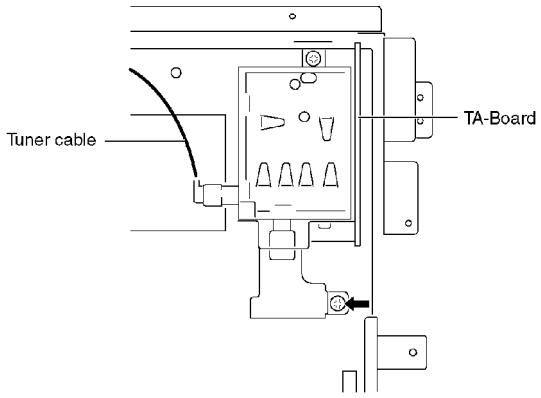


3. Disconnect the coupler (DG2).
4. Disconnect the flexible cables (DG1, DG15 and DG20).
5. Remove the screw (×1➡) remove the DG-Board.



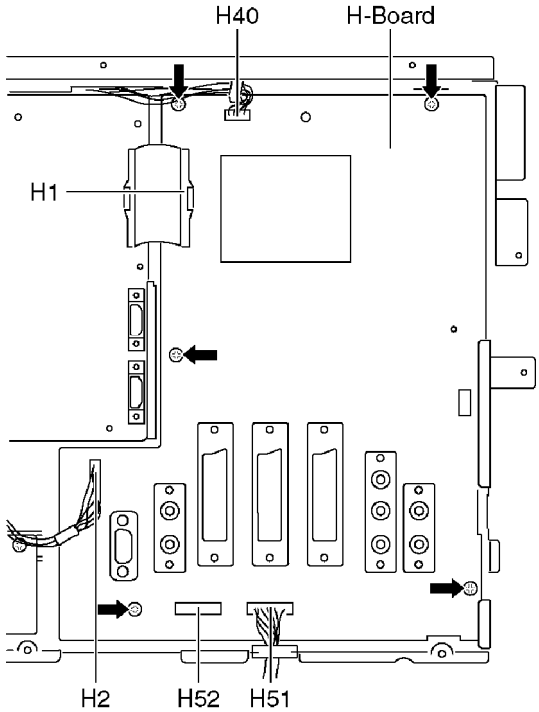
6.11. Remove the TA-Board

1. Disconnect the tuner cable.
2. Remove the screw (×1➡) and remove the TA-Board.



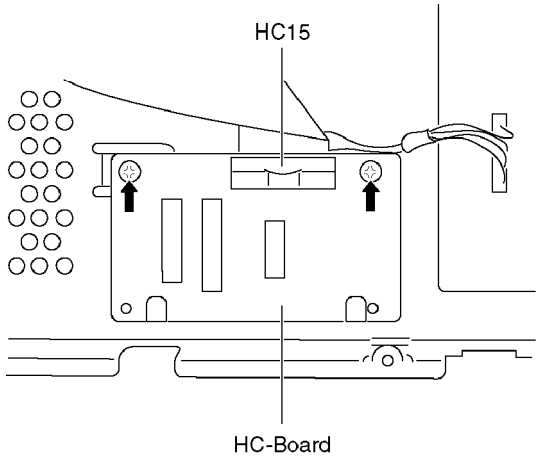
6.12. Remove the H-Board

1. Remove the TA-Board. (See section 6.11.)
2. Unlock the cable clampers to free the cable.
3. Disconnect the couplers (H2, H40 and H51).
4. Disconnect the flexible cable (H1).
5. Remove the screws (×5➡) and remove the H-Board.



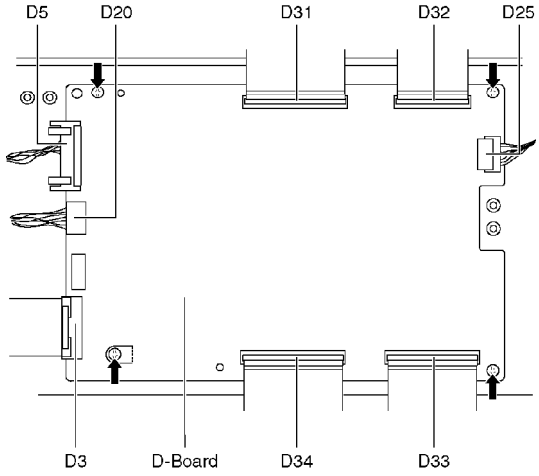
6.13. Remove the HC-Board

1. Disconnect the flexible cable (HC15).
2. Remove the screws (×2➡) and remove the HC-Board.



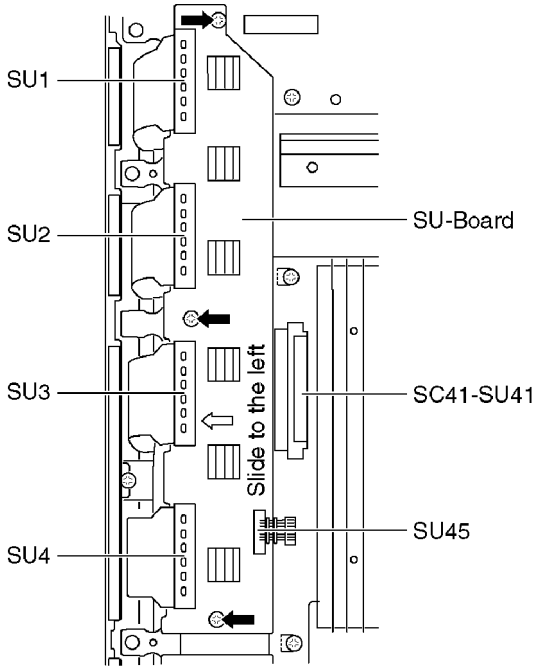
6.14. Remove the D-Board

1. Remove the tuner unit. (See section 6.8.)
2. Disconnect the couplers (D5, D20 and D25).
3. Disconnect the flexible cables (D3, D31, D32, D33 and D34).
4. Remove the screws (×4➡) and remove the D-Board.



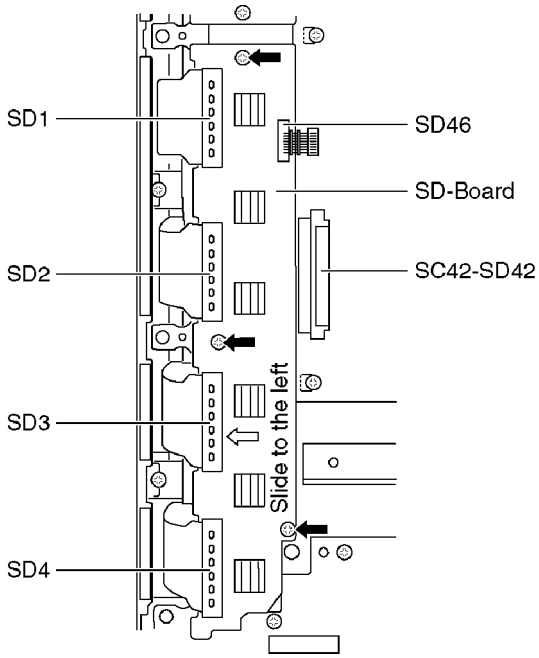
6.15. Remove the SU-Board

1. Remove the screws (×3➡).
2. Remove the flexible cables (SU1, SU2, SU3 and SU4) and remove the bridge connector (SU45).
3. Slide the SU-Board to the left to disconnect from a coupler (SC41-SU41) on the SC-Board and remove the SU-Board.



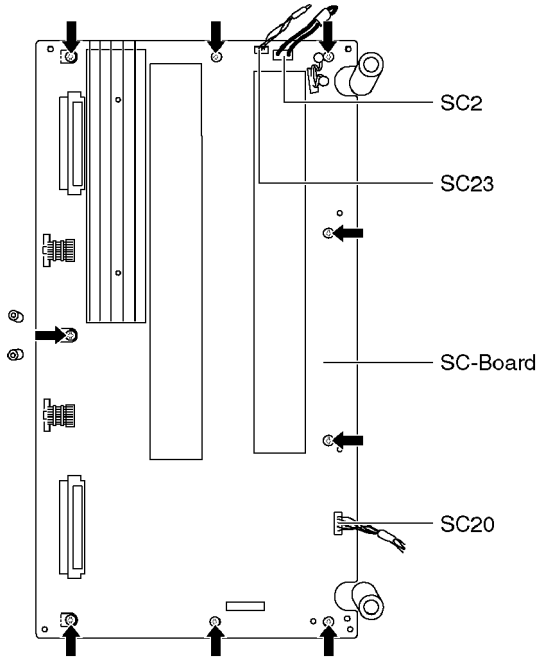
6.16. Remove the SD-Board

1. **Remove the screws (×3➡).**
2. **Remove the flexible cables (SD1, SD2, SD3 and SD4) and remove the bridge connector (SD46).**
3. **Slide the SD-Board to the left to disconnect from a coupler (SC42-SD42) on the SC-Board and remove the SD-Board.**



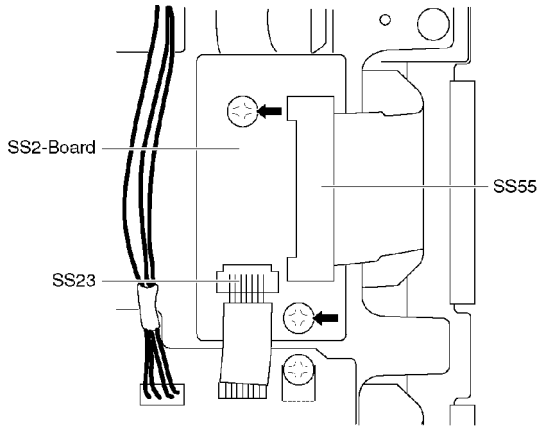
6.17. Remove the SC-Board

1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (SC2, SC20 and SC23).
3. Remove the screws (×9➡) and remove the SC-Board.



6.18. Remove the SS2-Board

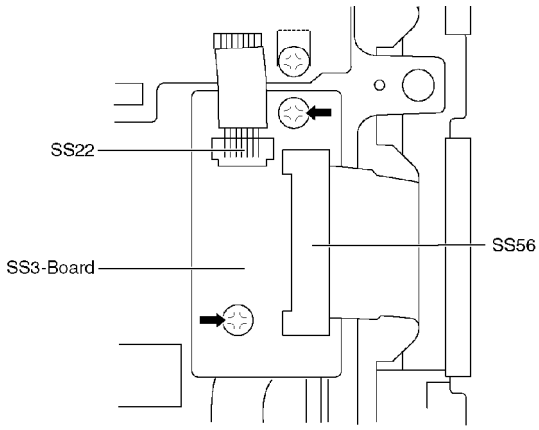
1. Disconnect the coupler (SS23) and disconnect the flexible cable (SS55).
2. Remove the screws (×2➡) and remove the SS2-Board.



6.19. Remove the SS3-Board

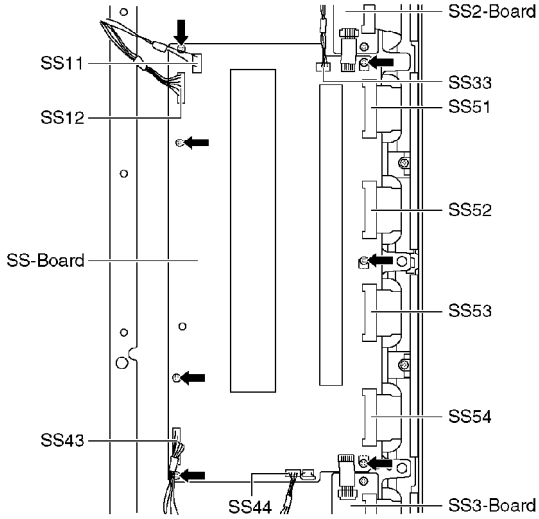
1. Disconnect the coupler (SS22) and disconnect the flexible cable (SS56).

2. Remove the screws (×2➡) and remove the SS3-Board.



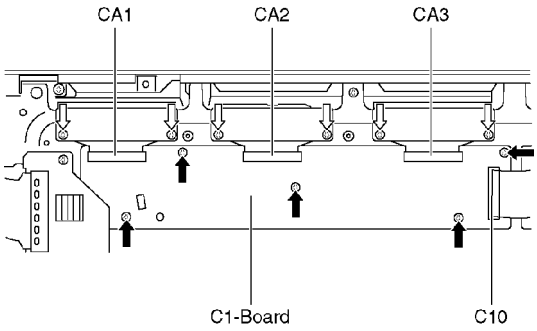
6.20. Remove the SS-Board

1. Remove the SS2-Board and SS3-Board. (See section 6.18. and 6.19)
2. Disconnect the couplers (SS11, SS12, SS33, SS43 and SS44).
3. Disconnect the flexible cables (SS51, SS52, SS53 and SS54).
4. Remove the screws (×7➡) and remove the SS-Board.



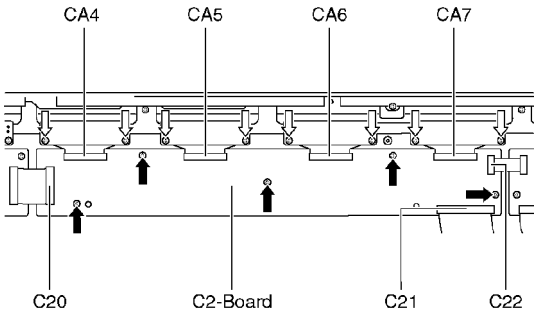
6.21. Remove the C1-Board

1. Remove the flexible cables holder fastening screws (×6⇨).
2. Disconnect the flexible cables (CA1, CA2 and CA3).
3. Disconnect the flexible cable (C10).
4. Remove the screws (×5➡) and remove the C1-Board.



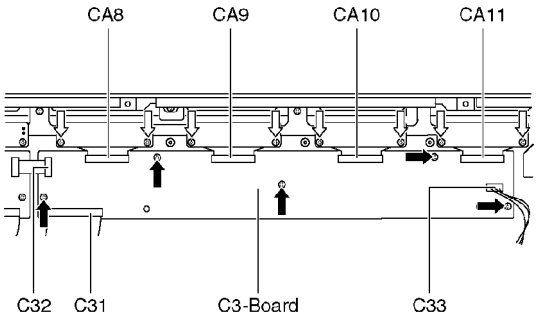
6.22. Remove the C2-Board

1. Remove the flexible cables holder fastening screws (×8⇨).
2. Disconnect the flexible cables (CA4, CA5, CA6 and CA7).
3. Disconnect the flexible cables (C20, C21 and C22).
4. Remove the screws (×5➡) and remove the C2-Board.



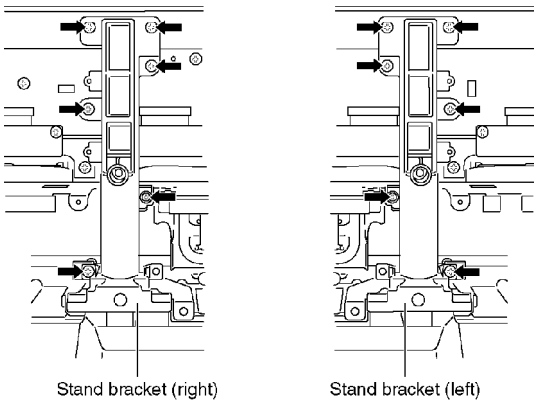
6.23. Remove the C3-Board

1. Remove the flexible cables holder fastening screws (×8⇨).
2. Disconnect the flexible cables (CA8, CA9, CA10 and CA11).
3. Disconnect the flexible cables (C31 and C32).
4. Disconnect the coupler (C33).
5. Remove the screws (×5➡) and remove the C3-Board.



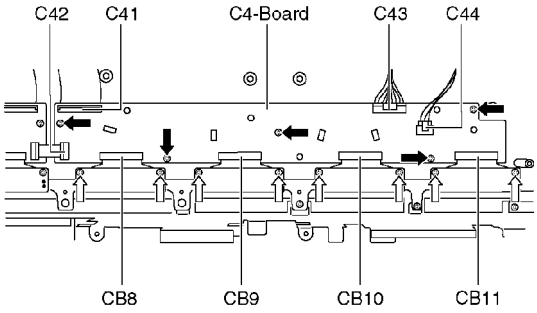
6.24. Remove the stand brackets

1. Remove the plasma panel section from the servicing stand and lay on a fiat surface such as a table (covered) with the plasma panel surface facing downward.
2. Remove the stand brackets (left, right) fastening screws (×6➡ each) and remove the stand brackets (left, right).



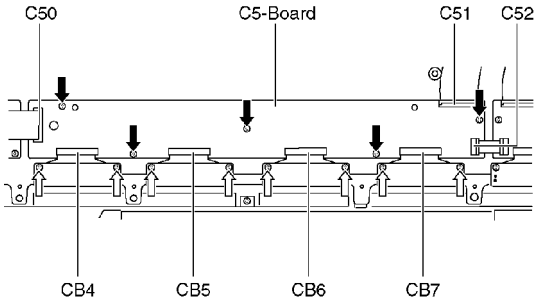
6.25. Remove the C4-Board

1. Remove the stand bracket (left). (See section 6.24.)
2. Remove the flexible cables holder fastening screws (×8⇨).
3. Disconnect the flexible cables (CB8, CB9, CB10 and CB11).
4. Disconnect the flexible cables (C41 and C42).
5. Disconnect the couplers (C43 and C44).
6. Remove the screws (×5➡) and remove the C4-Board.



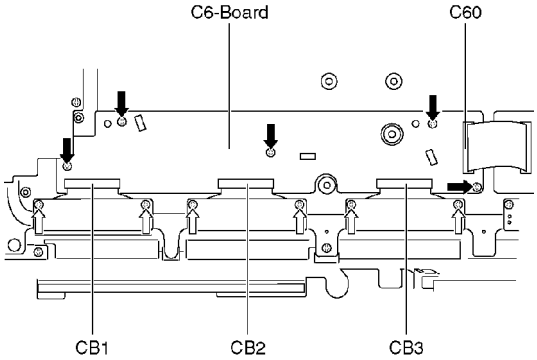
6.26. Remove the C5-Board

1. Remove the flexible cables holder fastening screws (×8⇨).
2. Disconnect the flexible cables (CB4, CB5, CB6 and CB7).
3. Disconnect the flexible cables (C50, C51 and C52).
4. Remove the screws (×5➡) and remove the C5-Board.



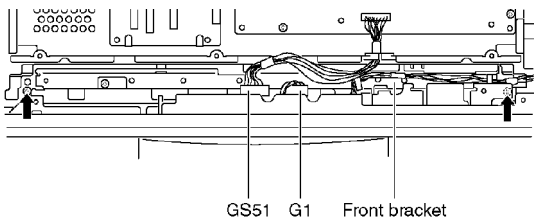
6.27. Remove the C6-Board

1. Remove the stand bracket (right). (See section 6.24.)
2. Remove the flexible cables holder fastening screws (×6⇨).
3. Disconnect the flexible cables (CB1, CB2 and CB3).
4. Disconnect the flexible cable (C60).
5. Remove the screws (×5➡) and remove the C6-Board.



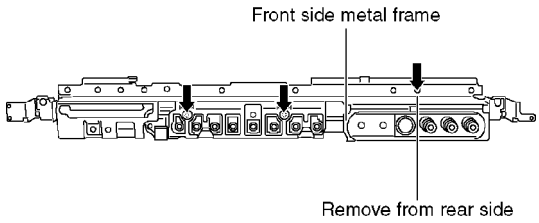
6.28. Remove the front bracket

1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (G1 and G51).
3. Remove the screws (×2➡) and remove the front bracket.

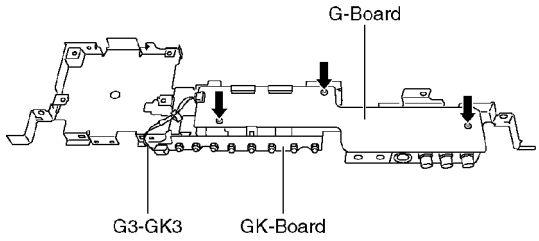


6.29. Remove the G-Board and GK-Board

1. Remove the front bracket. (See section 6.28.)
2. Remove the screws (×3➡) and remove the front side metal frame.

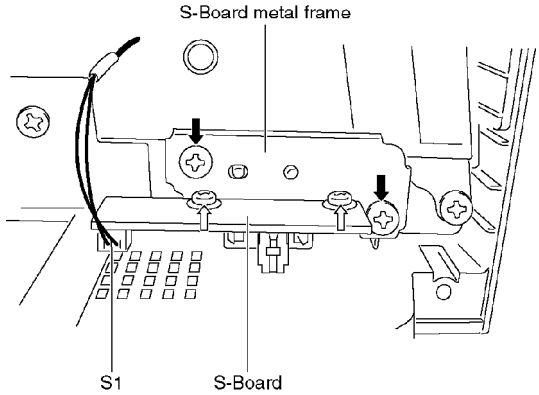


3. Remove the screws (×3➡) and disconnect the couplers (G3-GK3).
4. Remove the G-Board and GK-Board.



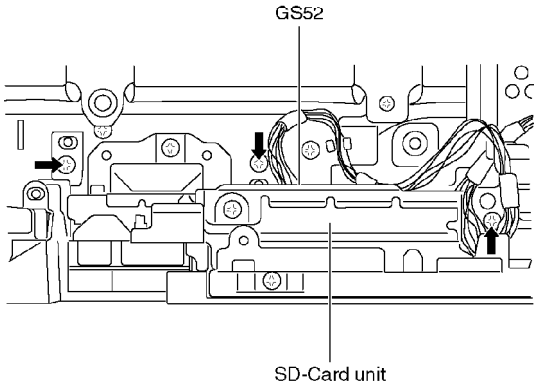
6.30. Remove the S-Board

1. Disconnect the coupler (S1).
2. Remove the screws (×2➡) and remove the S-Board metal frame.
3. Remove the screws (×2⇨) and remove the S-Board.

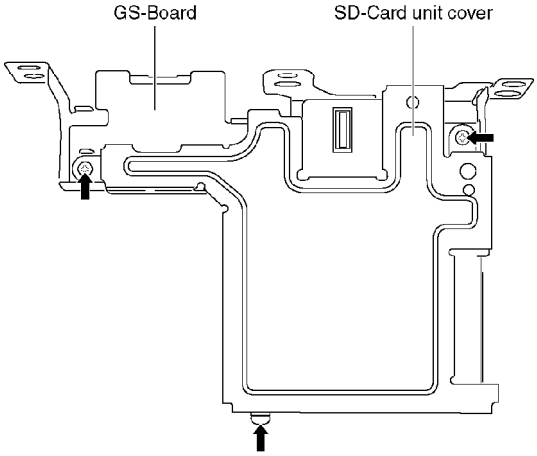


6.31. Remove the GS-Board and SD-Module

1. Remove the stand bracket R. (See section 6.24.)
2. Unlock the cable clampers to free the cable.
3. Disconnect the coupler (G52).
4. Remove the screws (×3➡).
5. Remove the SD card unit.



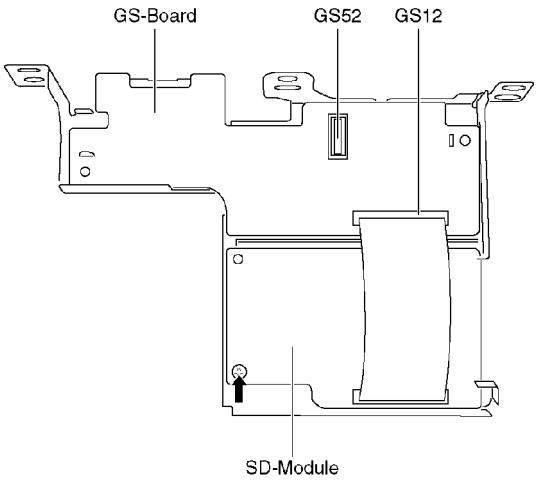
6. Remove the screws (×3➡) and remove the SD card unit cover.



7. Disconnect the flexible cable (GS12).

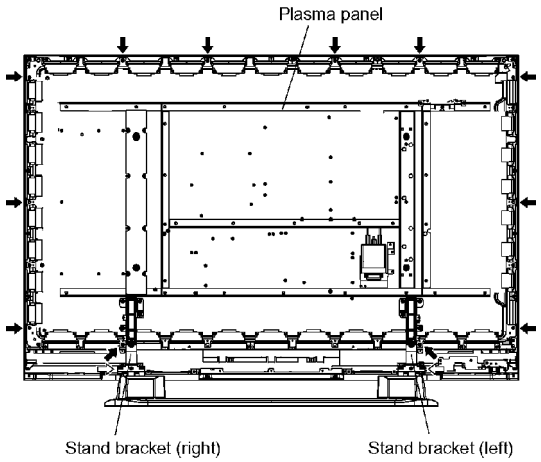
8. Remove the screw (×1➡).

9. Remove the GS-Board and SD-Module.

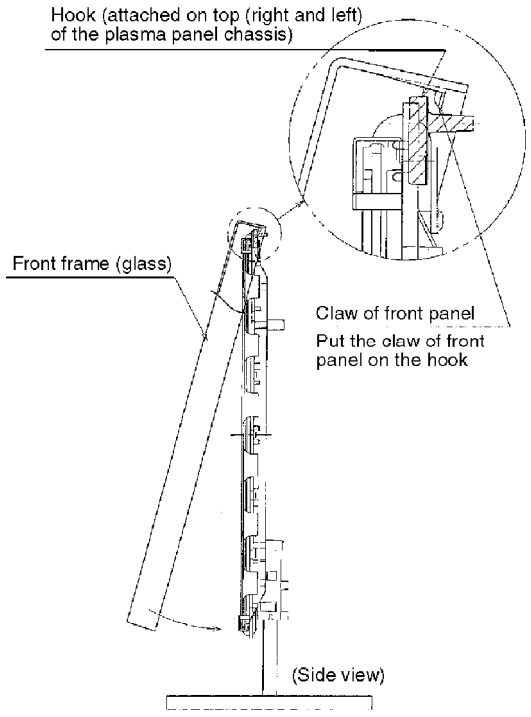


6.32. Remove the Plasma panel section from the Front frame (glass)

1. **Remove the front frame and the plasma panel fastening screws (× 12➡).**
2. **Remove the front frame and the stand brackets fastening screws (× 2⇨).**



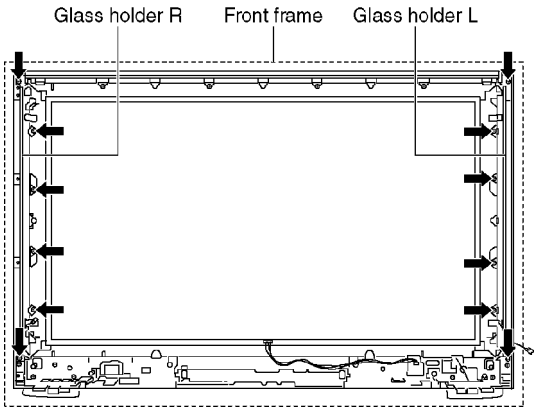
3. **For leaving the plasma panel from the front frame, pull the bottom of the front frame forward, lift, and remove.**



6.33. Remove the squawker speaker

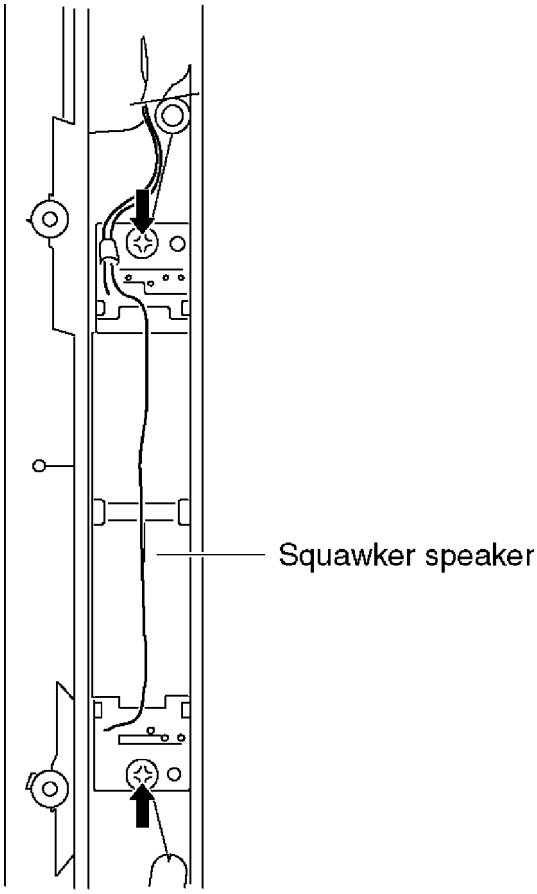
1. **Remove the front frame. (See section 6.32.)**
2. **Remove the screws (×12➡).**

3. Remove the glass holder R and L.



4. Remove the screws (×2➡).

5. Remove the squawker speaker.

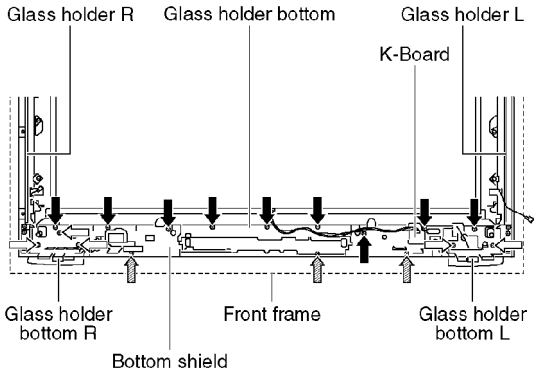


6.34. Remove the K-Board

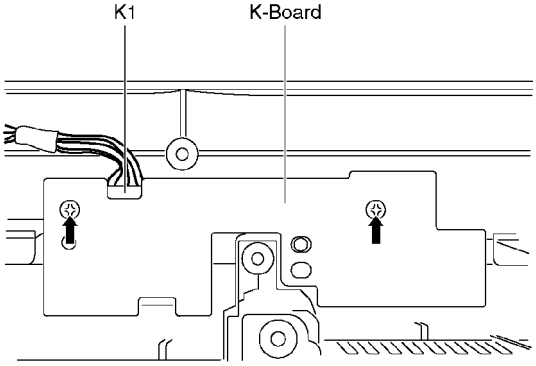
1. Remove the front frame. (See section 6.32.)

2. Remove the glass holder R and L. (See section 6.33.)

3. Remove the screws (×3)
4. Remove the bottom shield.
5. Remove the screws (×5⇨)
6. Remove the glass holder bottom R and L.
7. Remove the screws (×9➡)
8. Remove the glass holder bottom.



9. Remove the screws (×2➡).
10. Disconnect the couplers (K1).
11. Remove the K-board.



6.35. Replace the plasma panel (finished)

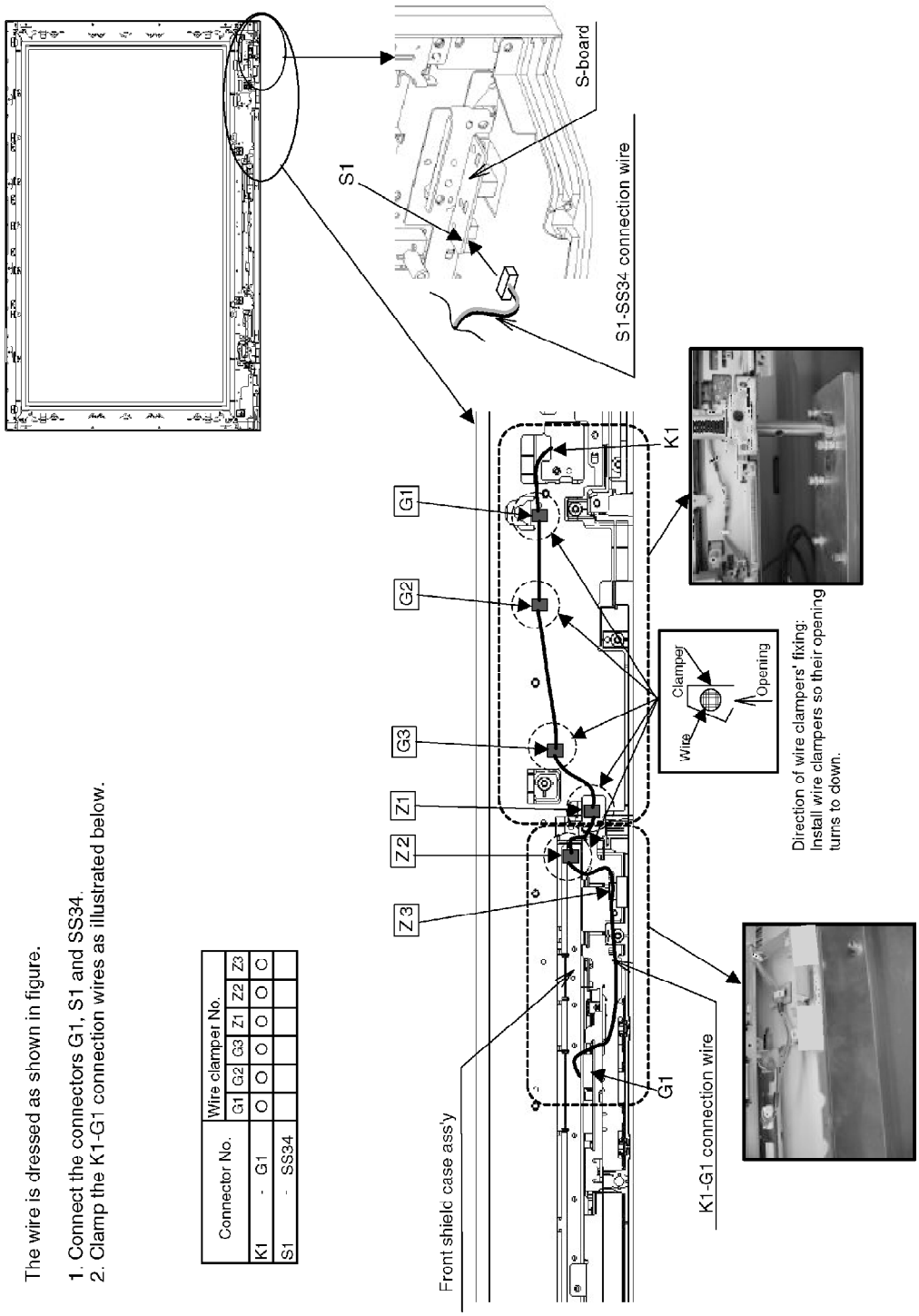
1. Place the new plasma panel (finished) on the flat surface of the table (covered by a soft cloth), with the plasma panel surface facing downward.
2. Attach the C1, C2, C3, C4, C5 and the C6-Board, connect the flexible cables (×22) from the Plasma panel to the C1, C2, C3, C4, C5 and the C6-Board, and fit the flexible cable holders.

3. **Attach the Hooks (left, right) and fit the stand brackets (L, R) to the new plasma panel.**
4. **Place the plasma panel section on the servicing stand.**
5. **Attach the front frame and each P.C.Board and so on, to the new plasma panel.**

*** When fitting the front frame, be careful to allow any debris, dust or handling residue to remain between the front glass and plasma panel.**

7. Location of Lead Wiring

7.1. Lead of Wiring (1)

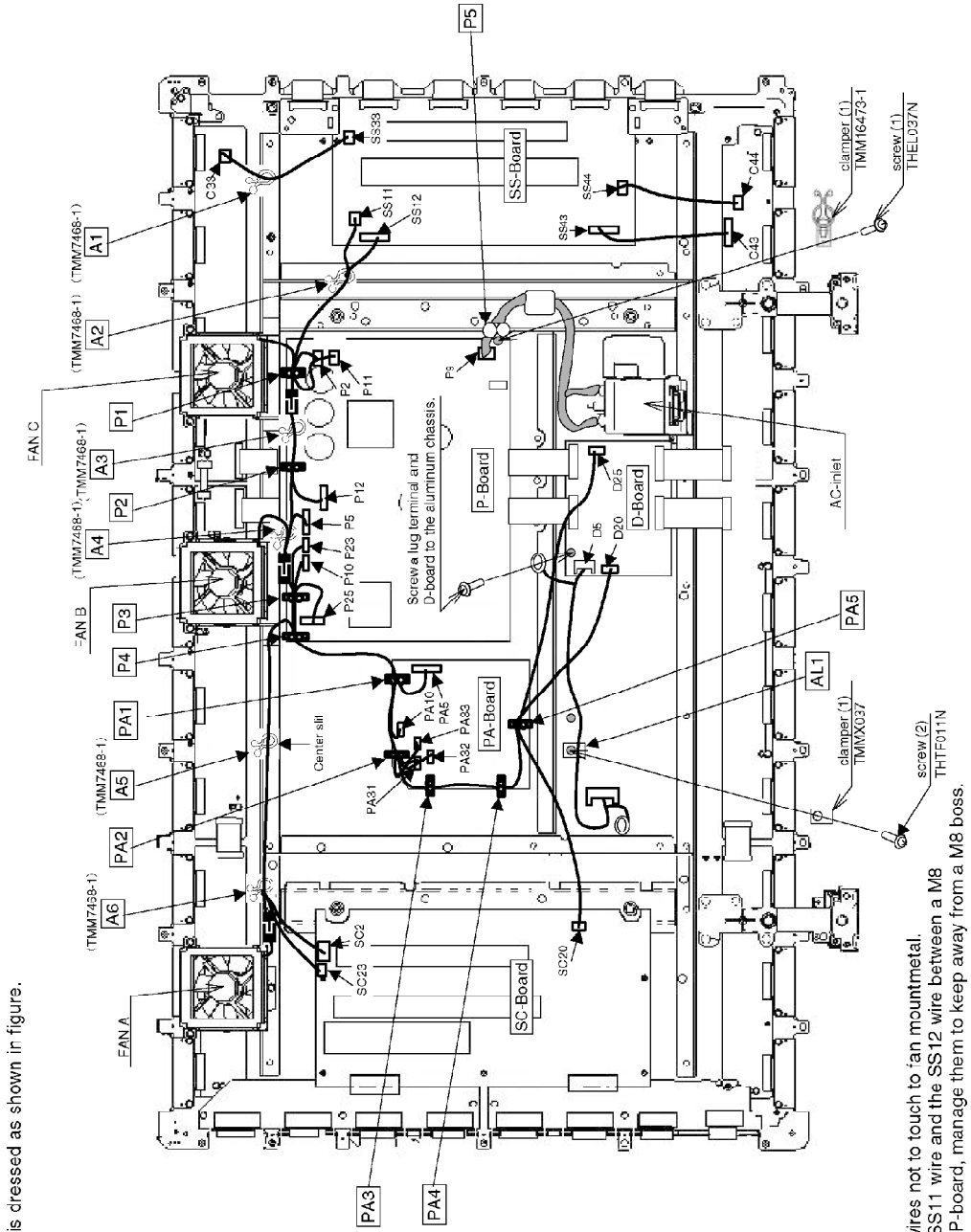


The wire is dressed as shown in figure.

1. Connect the connectors G1, S1 and SS34.
2. Clamp the K1-G1 connection wires as illustrated below.

Connector No.			Wire clamper No.					
			G1	G2	G3	Z1	Z2	Z3
K1	-	G1	O	O	O	O	O	O
S1	-	SS34						

7.2. Lead of Wiring (2)-1

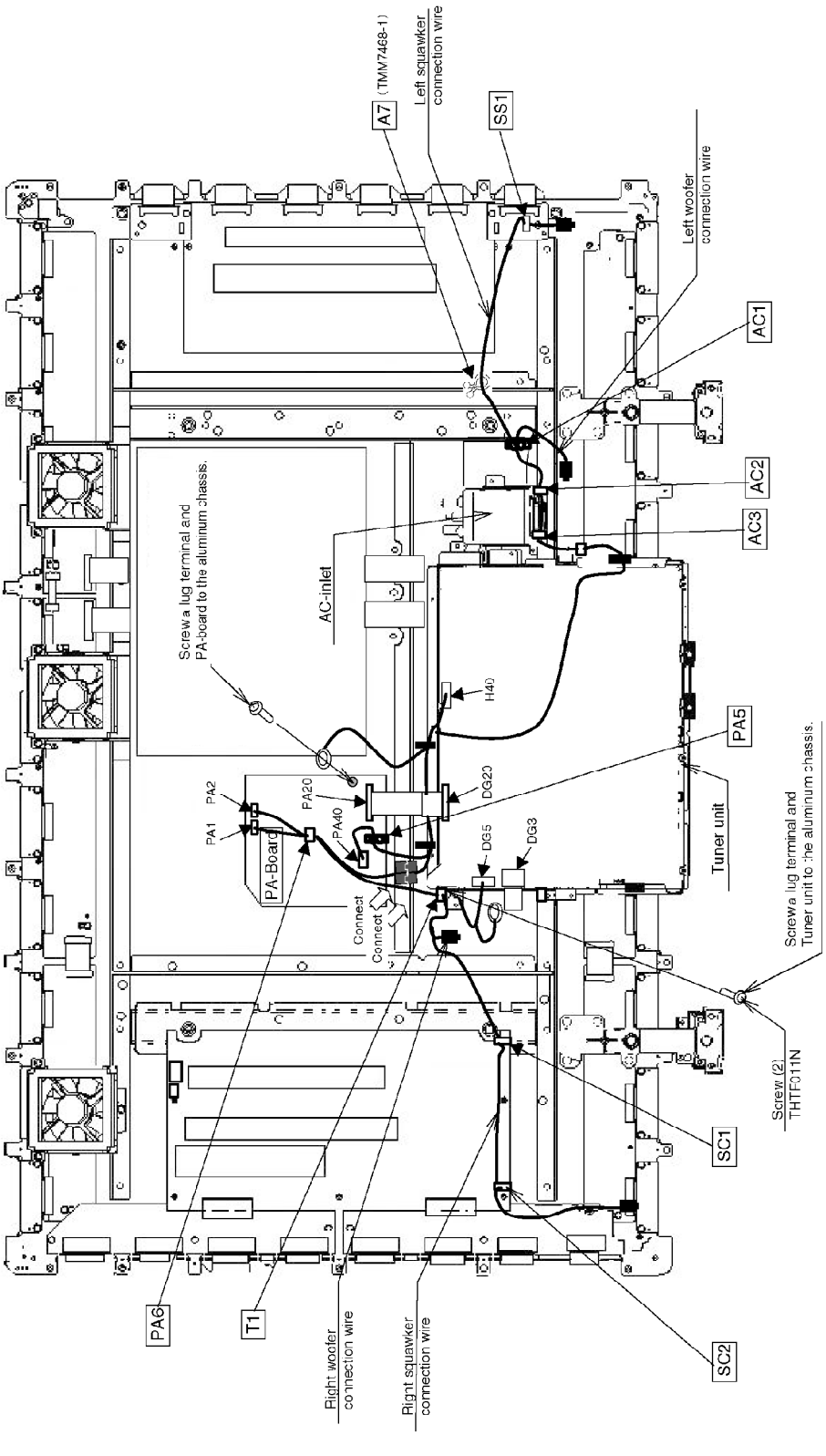


7.3. Lead of Wiring (2)-2

Connector No.			Wire clamper No.																
			P1	P2	P3	P4	P5	PA1	PA2	PA3	PA4	PA5	A1	A2	A3	A4	A5	A6	AL1
FAN A	-	PA31				○		○	○								○	○	
FAN B	-	PA32			○	○		○	○							○			
FAN C	-	PA33	○	○	○	○		○	○						○	○			
P10	-	PA10			○	○		○											
P5	-	PA5			○	○		○								○			
P23	-	SC23			○	○											○	○	
P2	-	SC2	○	○	○	○									○	○	○	○	
SS11	-	P11	○											○					
SS12	-	P12	○	○										○	○				
D25	-	P25			○	○		○	○	○	○	○							
AC-Inlet	-	P9					○												
SS43	-	C43																	
SS44	-	C44																	
SS33	-	C33											○						
D20	-	SC20										○							
DG5 (Tuner unit)	-	D5																	○

7.4. Lead of Wiring (3)-1

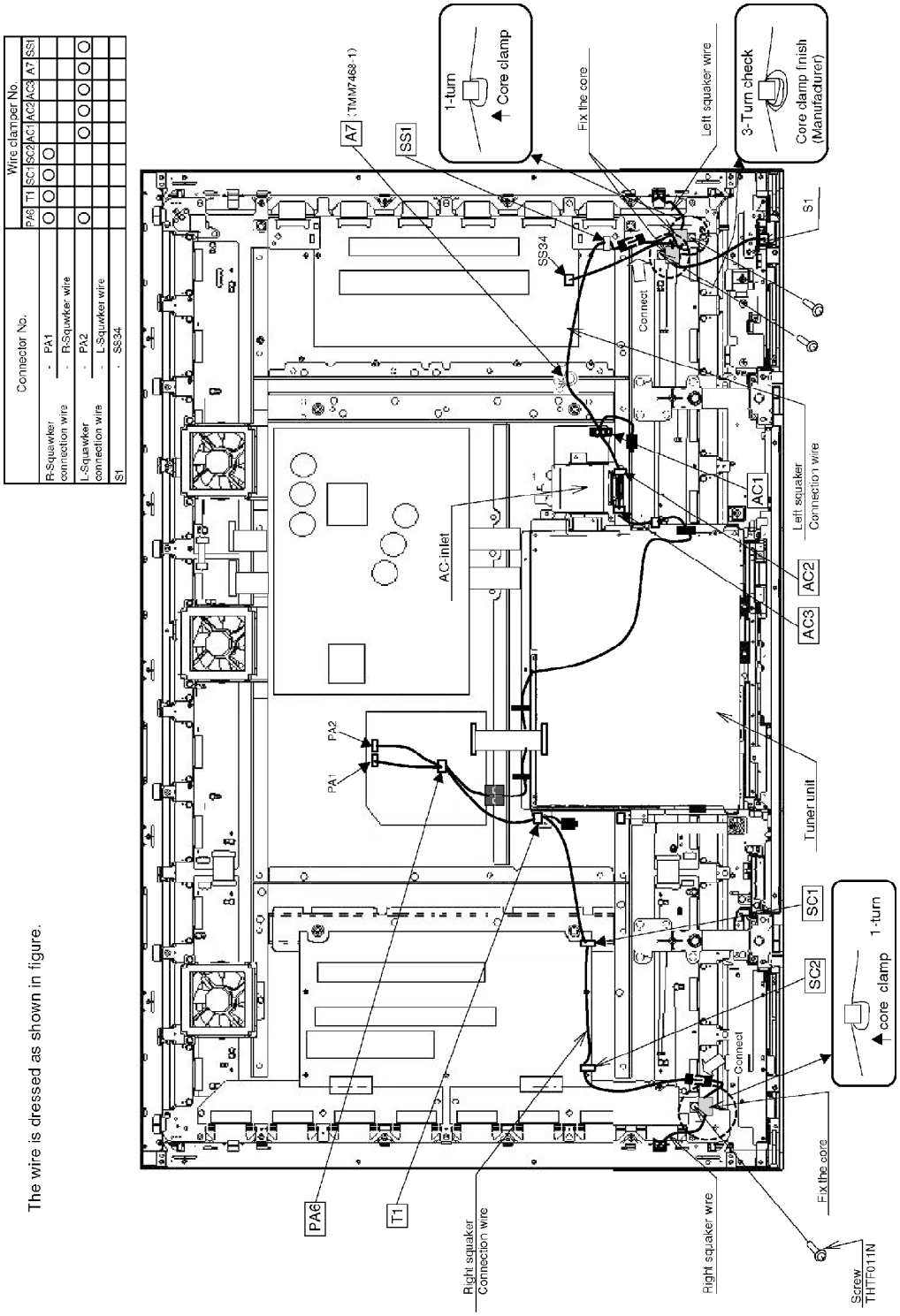
The wire is dressed as shown in figure.



7.5. Lead of Wiring (3)-2

Connector No.			Wire clamper No.									
			PA5	PA6	T1	SC1	SC2	AC1	AC2	AC3	A7	SS1
R-Woofer connection wire	-	PA1		○	○							
R-Squawker connection wire	-	PA1		○	○	○	○					
L-Woofer connection wire	-	PA2		○				○	○	○		
L-Squawker connection wire	-	PA2		○				○	○	○	○	○
H40 (Tuner unit)	-	PA40	○									
DG20 (Tuner unit)	-	PA20										
DG3 (Tuner unit)	-	D3										
DG5 (Tuner unit)	-	D5										

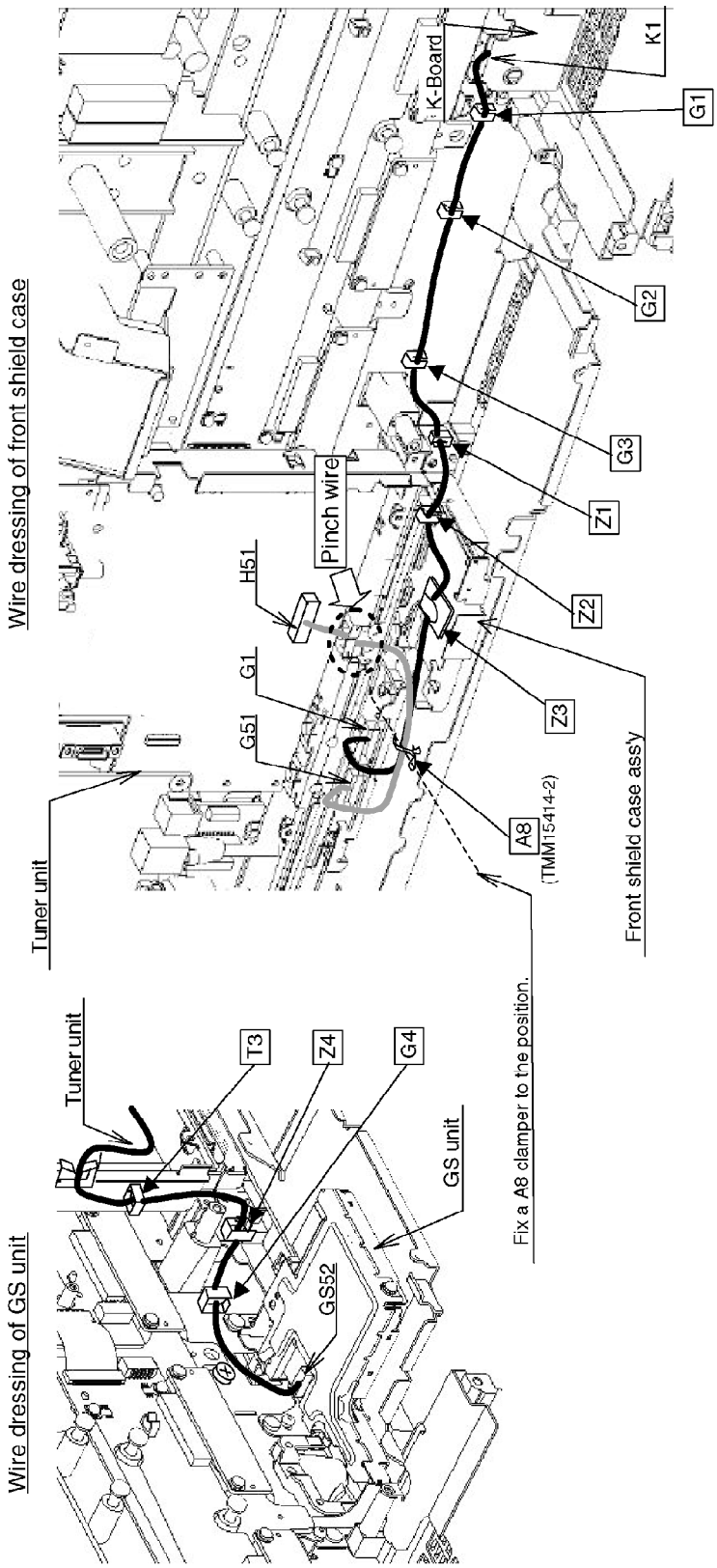
7.6. Lead of Wiring (4)-1



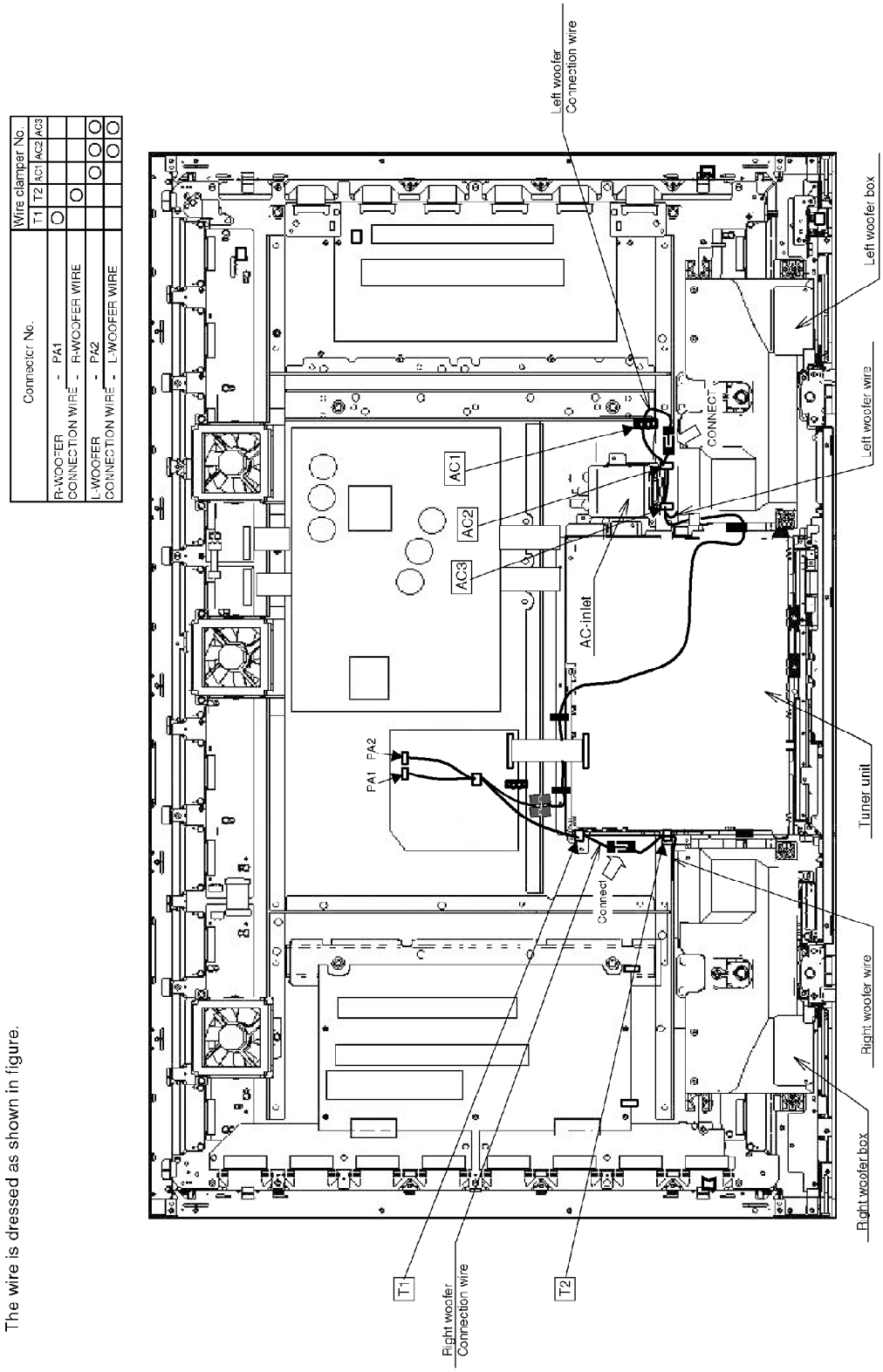
7.7. Lead of Wiring (4)-2

7.8. Lead of Wiring (5)

The wire is dressed as shown in figure.



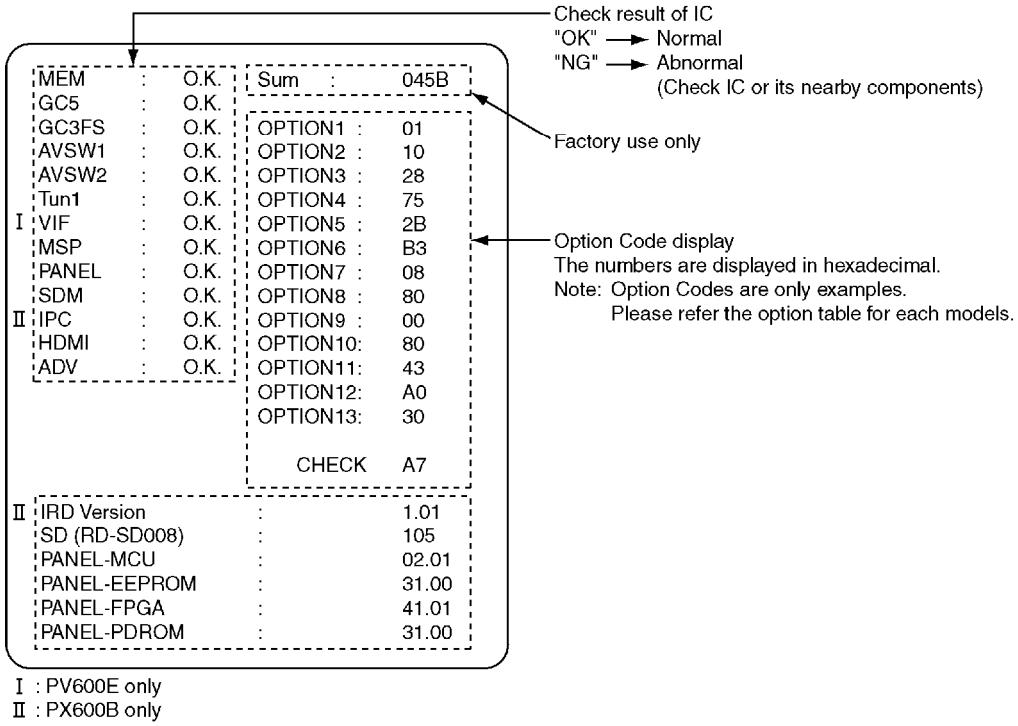
Connector No.		Wire clamper No.								
		G1	G2	G3	G4	Z1	Z2	Z3	Z4	T3	A8
GS52	- H52 (Tuner unit)				O				O	O	
G51	- H51										O
G1	- K1	O	O	O		O	O	O			O



8. Self Check

1. Self-Check is used to automatically check the bus lines and hexadecimal code of the TV set.

2. To get into the Self -Check mode press the Down (— / V) button on the customer controls at the front of the set, at the same time pressing the Information button on the remote control, and the screen will show :



If the CCU ports have been checked and found to be incorrect or not located then "--" will appear in place of "O.K.".

Display	Ref.No.	Description	Board
MEM	IC1102	EEPROM	DG-Board
GC5	IC4037	GC5 Processor	DG-Board
GC3FS	IC4020	Global Core for Sub	DG-Board
AVSW1	IC3005	Video SW	H-Board
AVSW2	IC2105	Audio SW	H-Board
Tun1	TU001	Tuner	TA-Board
VIF	-	-	-
MSP	IC2106	Multi Sound Processor	H-Board
PANEL	IC9003	Convert Micon	D-Board
SDM	SD-Module	MPEG4/PHOTO View, SD recording	SD-Board
IPC	IC8013	PEAKS Lite	XV-Board
HDMI	IC4026	HDMI I/F Receiver	DG-Board
ADV	IC4019	10bit A/D	DG-Board

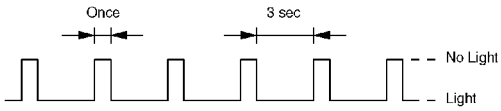
8.1. Power LED Blinking timing chart

1. Subject

Information of LED Flashing timing chart.

2. Contents

When an abnormality has occurred the unit, the protection circuit operates and reset to the stand by mode. At this time, the defective block can be identified by the number of blinkes of the Power LED on the front panel of the unit.

Blinking Times	Blinking timing	Contents	Check point
1		No particalar check point	-
2		15V SOS	D-Board
3		3.3V SOS	D-Board
4		Power SOS	P-Board
5		5V SOS	D-Board
6		Driver SOS1 (SC Energy recovery circuit)	SU-Board SD-Board SC-Board
7		Driver SOS2 (SC floating voltage area)	SU-Board SD-Board SS-Board
8		Driver SOS3 (SS Energy recovery circuit)	SS-Board
9		Panel Status	-
10		PA SOS Tuner SOS	PA-Board H-Board
11		Fan SOS	Fan
12		Sound SOS	PA-Board

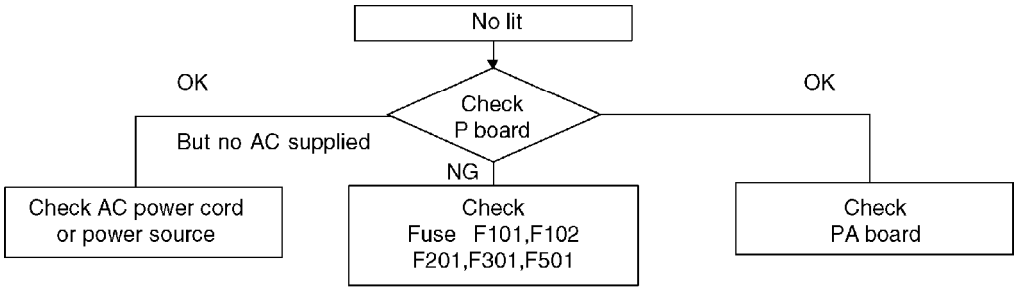
8.2. No Power

[First check point]

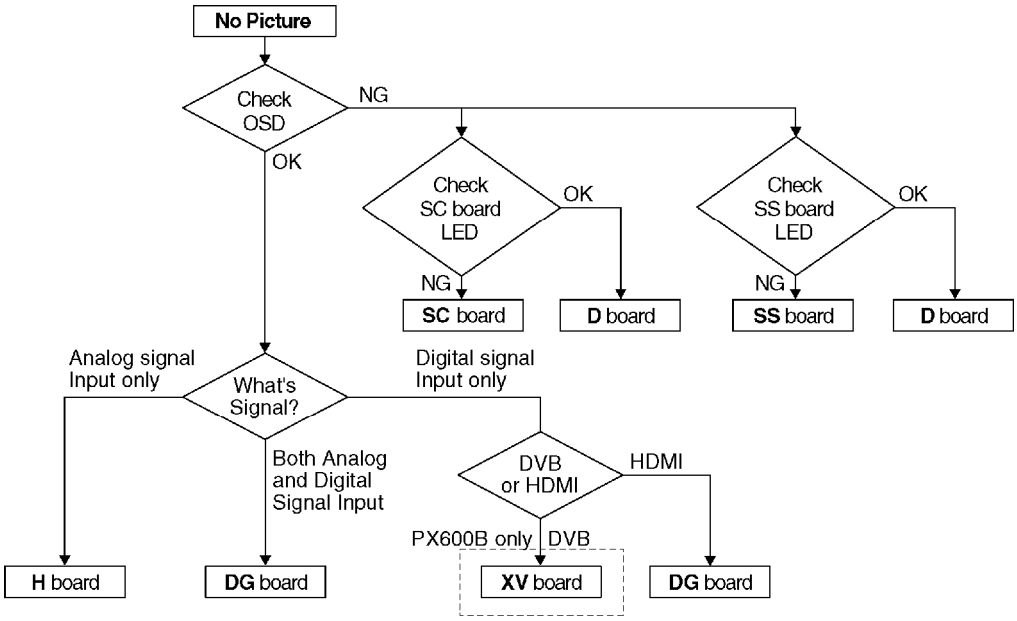
There are following 2 states of No Power indication by power LED.

1. No lit

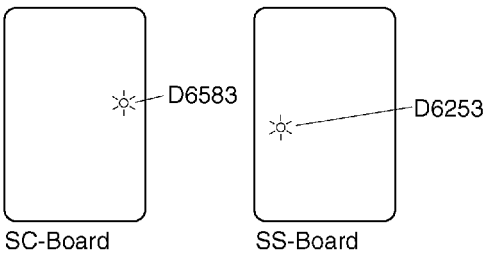
2. Red is lit then turns red blinking a few seconds later. (See 8.1.)



8.3. No Picture



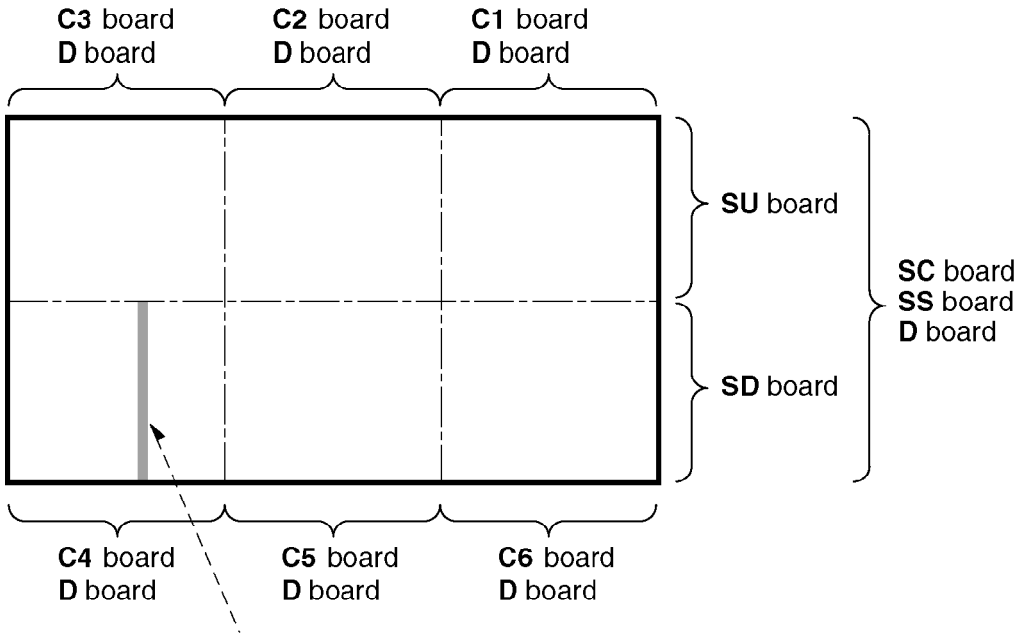
Drive circuits LED indicator



8.4. Local screen failure

Plasma display may have local area failure on the screen. Fig-1 is the possible defect P.C.B. for each local area.

Fig-1



<Local screen failure chart>

9. Service Mode Function

MPU controls the functions switching for each IICs through IIC bus in this chassis. The following setting and adjustment can be adjusted by remote control in Service Mode.

9.1. How to enter SERVICE 1

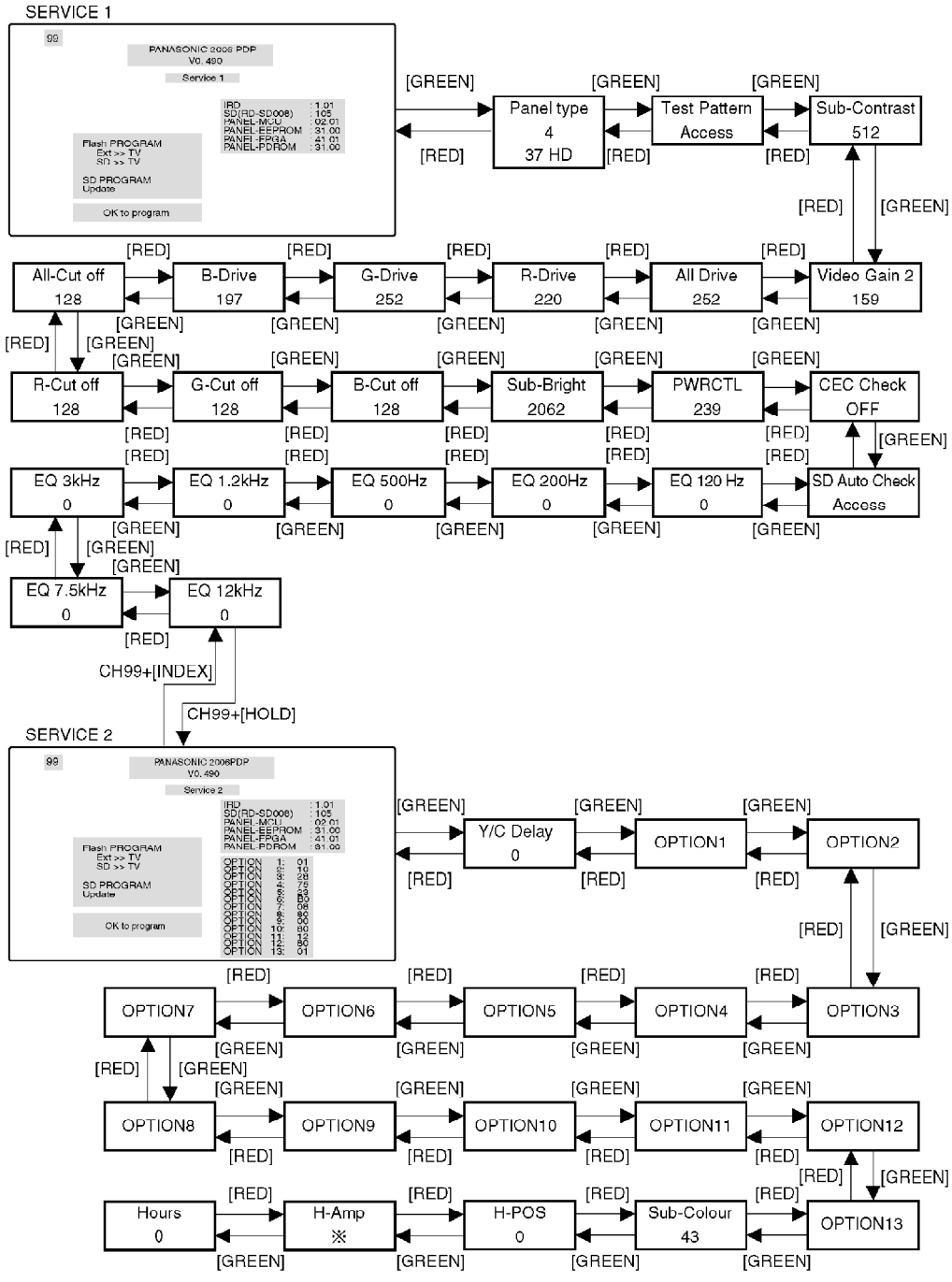
1. **In sound menu, set BASS to MAXIMUM, and set TREBLE to MINIMUM.**
2. **Simultaneously press INDEX button on remote control and DOWN button [— / V] on the TV set.**

9.2. How to enter SERVICE 2

1. **Set the channel to CH99.**
2. **Select the EQ 12kHz.**
3. **Press HOLD button on remote control.**

Note:

To exit to Service mode, press EXIT or Power button on remote control.



※ : This item appears when "component" selecting

Key Command

- Press the **RED/GREEN** button to step up/down through the functions.
- Press the **YELLOW/BLUE** button to change the function values.
- Press the **OK** button after each adjustment has been mode to store the required values.

9.3. Option Description

		PV600E	PX600B		
option1		4F	01		
	b0	1	1	Colour system	Auto(1)
	b1	1	0		SECAM(1)
	b2	1	0		NTSC(1)
	b3	1	0		M.NTSC(1)
	b4	0	0	A2 select 6.5MHz	5.742MHz(0) 6.742MHz(1)
	b5	0	0	SIF	I only(0), BG only(1)
	b6	1	0		I/BG/DK/L(2), BG/DK(3)
	b7	0	0	free	
option2		11	10		
	b0	1	0	A2 enable	enable(1)
	b1	0	0		not use
	b2	0	0		not use
	b3	0	0		not use
	b4	1	1	NICAM enable	enable(1)
	b5	0	0		not use
	b6	0	0		not use
	b7	0	0		not use
option3		3A	28		
	b0	0	0	SASO enable	SASO enable(1)
	b1	1	0	Fine tuning	Enable(1)
	b2	0	0	Search speed	Slow(1) Fast(0)
	b3	1	1	Tuner	MACO tuner (1), Others (0)
	b4	1	0	HYPER	UHF only (0), UHF/VHF (1)
	b5	1	1	IF I2C	I2C controlled Tuner IF module (1)
	b6	0	0	NICAM C4 bit	enable(1)
	b7	0	0	Blue Back	BLUE BACK on/off selection in menu(0)
option4		D9	75		
	b0	1	1	Aspect AUTO	enable(1)
	b1	0	0	S1/S2 enable	enable(1)
	b2	0	1	ID-1	enable(1)
	b3	1	0	User aspect Just	enable(1)
	b4	1	1	User aspect 14:9	enable(1)
	b5	0	1	ALBD 14:9	14:9 enable, Zoom3 disable at self wide(1)/ Zoom1, Zoom3 enable at self wide (0)
	b6	1	1	TEXT	enable(1)
	b7	1	0	TEXT TOP	TOP enable (1)
option5		2B	2B		
	b0	1	1	CH Blanking	Blanking enable (1)
	b1	1	1	AV Blanking	Blanking enable (1)
	b2	0	0	Noise mute	Noise mute enable(0)
	b3	1	1	sub picture	without sub-picture(0), with sub-picture(1)
	b4	0	0	2tuner	2tuner(1),1tuner(0)
	b5	1	1	AV Input	3rotation(1) / 2rotation without front RCA (0)
	b6	0	0	Panel (LCD)	Samsung Panel(1)/SHARP Panel(0)
	b7	0	0	Large size (LCD)	32(1)/26(0) for LCD
option6		AB	B3		
	b0	1	1	SD module	with SD module (1)
	b1	1	1	SD module Ext.Rec(PAL)	enable(1)
	b2	0	0	SD module Ext.Rec(NTSC)	enable(1)
	b3	1	0	SD module Ext.Rec(SECAM)	enable(1)
	b4	0	1	IDTV	enable(1)
	b5	1	1	HDMI	enable(1)
	b6	0	0	Ext. HV Input	without HV input(0) / with HV input(1)
	b7	1	1	PC	enable(1)
option7		00	08		
	b0	0	0	Asia	Asia(1),europe(0)
	b1	0	0	Australia	not use
	b2	0	0	Ireland/India	Ireland(1)
	b3	0	1	UK/Korea	UK(1)
	b4	0	0	Lang1	not use
	b5	0	0	Lang2	not use
	b6	0	0	Lower POS	not use
	b7	0	0	Owner ID	not use

		PV600E	PX600B		
option8		78	80	**Euro option**	
	b0	0	0	ACI all country	ACI enable(1), only Netherlands(0)
	b1	0	0	ACI auto MP	ACI auto multi package enable (1)
	b2	0	0	ACI offset	ACI offset for VCR prog. enable(1)
	b3	1	0	Power up EC-Mode	Power on EC enable (1)
	b4	1	0	AVLink	Q-Link off selectable in menu (1)
	b5	1	0	Volume correction	TV Volume coorrection enable (1)
	b6	1	0	MPX/NICAM display	Display NICAM (0), Display MPX (1)
	b7	0	1	Albd Reset Off	enable(1)
option9		00	00		
	b0	0	0	CH Plan	ASIA / M.E. / HK/UK / CHINA(1)
	b1	0	0		NZ/INDNES(1)
	b2	0	0		AUSTRALIA(1)
	b3	0	0		E.EUROPE(1)
	b4	0	0		SPECIAL(1)
	b5	0	0		AMERICA(1)
	b6	0	0		CATV(1)
	b7	0	0		JAPAN(1)
option10		80	80		
	b0	0	0	NICAM priority	ASIA/M.E.(1)
	b1	0	0		HK/UK(1)
	b2	0	0		CHINA(1)
	b3	0	0		NZ/INDN(1)
	b4	0	0		AUSTRA(1)
	b5	0	0		E.EURO(1)
	b6	0	0		SPECIAL(1)
	b7	1	1	HDMI AVI Aspect	enable(1)
option11		43	43	**Additional**	
	b0	1	1	Remocon Type	Delux(1) / Leader(0)
	b1	1	1	Environment AI (PDP)	enable, with viewing mode auto (1) / disable, without viewing mode auto(0)
	b2	0	0	WSS14:9 off	WSS 14:9 off (1)
	b3	0	0	Child lock	Child Lock on:Tuning Menu skip(1)
	b4	0	0		
	b5	0	0	Contrast AI	enable(1)
	b6	1	1	Service H-POS	enable(1)
	b7	0	0	Service V-VOS	enable(1)
option12		20	A0	**Additional**	
	b0	0	0	last memory of aspect	each source(1) / ALL source(0)
	b1	0	0	Reserved	
	b2	0	0	TEXT Ch Refresh	refresh enable(1) / disenable(0)
	b3	0	0	STILL	1:Disable / 0:Enable
	b4	0	0	LATIN	Latin:SAP/Fixed SIF4.5MHz/PAL-M,N/CC/Black level/Language
	b5	1	1	SRS	enable(1)
	b6	0	0	HDMI Quali TV	enable(0)
	b7	0	1	HDMI EC function	enable(1)
option13		20	30	**Additional**	
	b0	0	0	DVB ALBD	enable(1)
	b1	0	0	HDMI port	enable(0) 2 ports model/(1)1port model (only for TV MCU port setting)
	b2	0	0	HDMI format error OSD	display(0)/not display(1)
	b3	0	0	CEC control	enable(0)
	b4	0	1	Aspect 4:3 FULL	enable(0)
	b5	1	1	FTZ	enable(1)
	b6	0	0		
	b7	0	0		

10. Adjustment Procedure

10.1. Driver Set-up

10.1.1. Item / Preparation

1. Input a white signal to plasma video input.

2. Set the picture controls as follows.
Picture menu: Dynamic
P-NR: OFF
Aspect: 16:9

Caution

1. First perform Vsus adjustment.

2. Confirmation of Vscn voltage should be performed after confirmation of Vad adjustment.

When Vad=-105V, Voltage of Vscn is 35V ±3V.

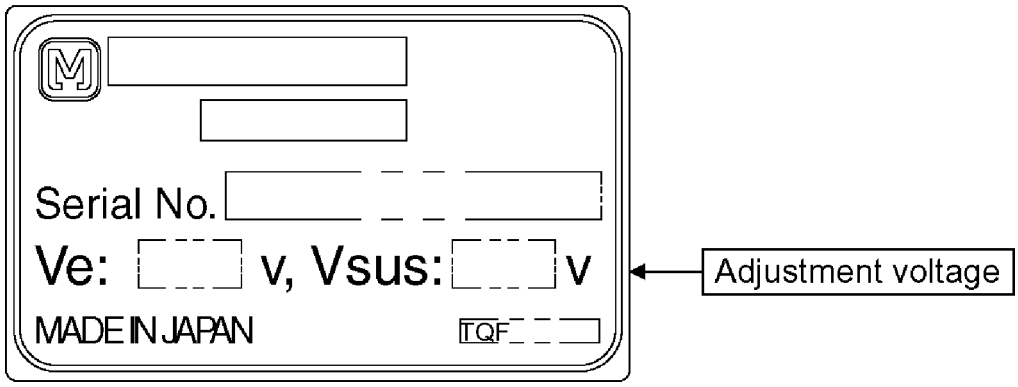
10.1.2. Adjustments

Adjust driver section voltages referring the panel data on the panel data label.
Check or adjust the following voltages with the multimeter.

Name	Test Point	Voltage	Volume	Remarks
Vsus	TPVSUS (SS)	Vsus ± 2V	VR251 (P)	*
Ve	TPVE (SS)	Ve ± 2V	VR6000 (SS)	*
Vset	TPVSET (SC)	280V ± 7V	Fixed	
Vad	TPVAD (SC)	-105V ± 1V	VR6600 (SC)	
Vscn	TPVSCN (SC)	Vad+140V ± 4V	Fixed	
Vda	TPVDA (SS)	75V ± 1V	Fixed	

***See the Panel label.**

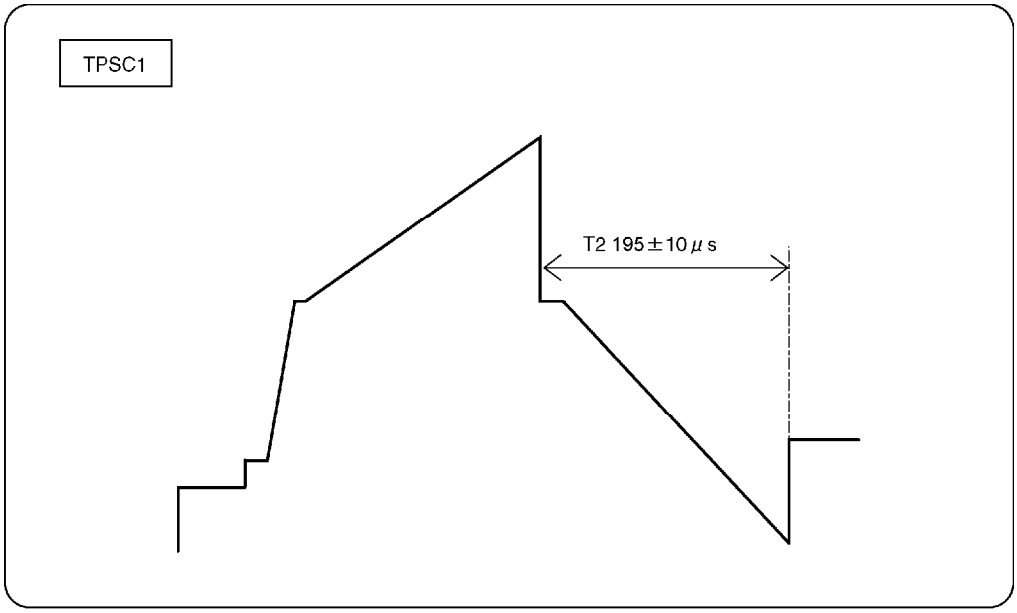
Panel Label information



10.2. Initialization Pulse Adjust

1. **Input the White signal to plasma video input.**
2. **Set the picture controls as follows.**
   Picture menu : Dynamic
   P-NR : OFF
   Aspect : 16:9
3. **Connect Oscilloscope to TPSC1 (T2) and adjust VR6602 for 195+10 μ Sec.**

	Test point	Volume	Level
T2	TPSC1 (SC)	VR6602 (SC)	195 ± 10 μ Sec



10.3. P.C.B. (Printed Circuit Board) exchange

10.3.1. Caution

1. To remove P.C.B. , wait 1 minute after power was off for discharge from electrolysis capacitors.

10.3.2. Quick adjustment after P.C.B. exchange

Adjust the following voltages with the multimeter.

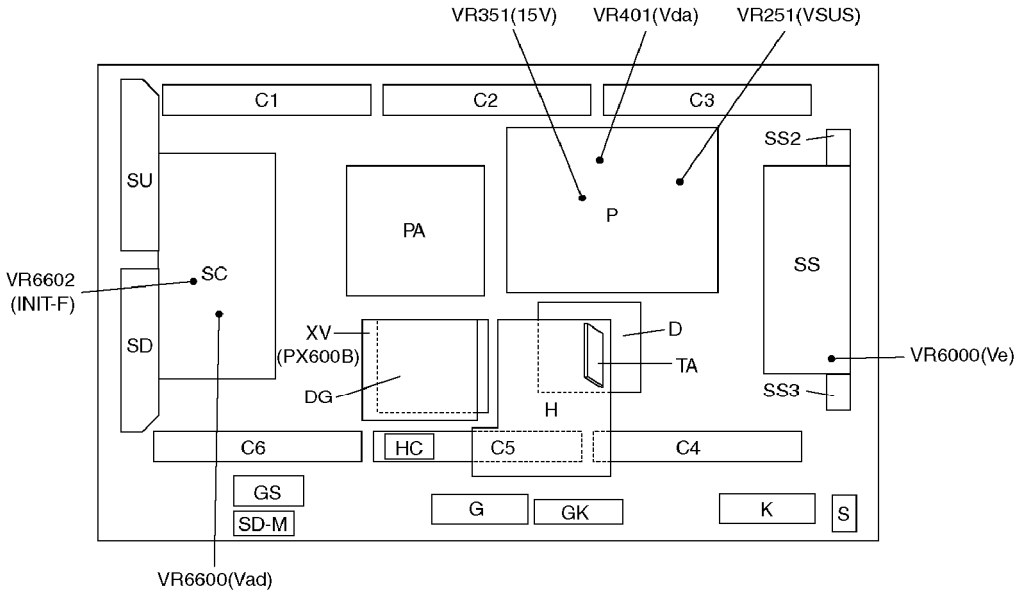
P.C.B.	Name	Test Point	Voltage	Volume	Remarks
P Board	Vsus	TPVSUS (SS)	Vsus ± 2V	VR251 (P)	*
SC Board	Vad	TPVAD (SC)	-105V ± 1V	VR6600 (SC)	
SS Board	Ve	TPVE (SS)	Ve ± 2V	VR6000 (SS)	*
D, DG Board	White blance and Sub brightness for NTSC, PAL, HD, PC and 625i signals				

***See the Panel label.**

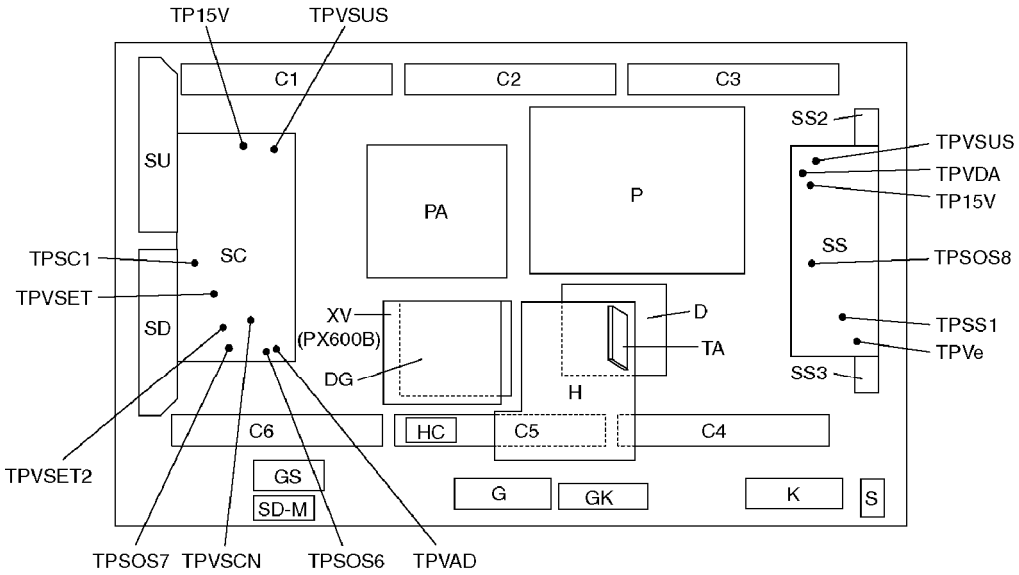
Caution:

Absolutely do not reduce Vsus below Ve not to damage the P.C.B.

10.4. Adjustment Volume Location



10.5. Test Point Location



11. Adjustment

11.1. PAL panel white balance adjustment

Instrument Name	Connection	Remarks
-W/B pattern -Color analyzer (Minolta CA-100 or equivalent)	RF input Panel surface	User setting: Normal
Procedure		Remarks

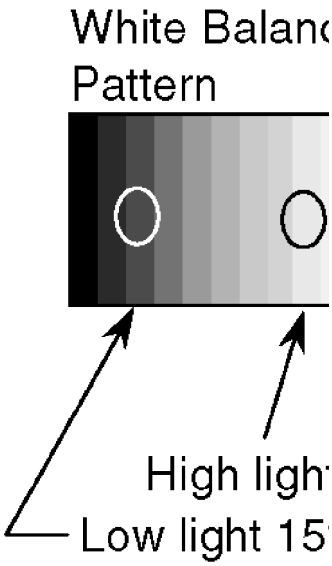
Instrument Name	Connection	Remarks
-Asing time is longer than 15min. -Make sure the front panel to be used on the final set is fitted. -Make sure a color signal is not being shown before adjustment. -Put the color analyzer where there is little colour variation. Complete the adjustment within 10 minutes after the turn on electricity. Turn on the power supply again when it is not possible to complete it by aging etc. 1. Display the white balance pattern. 2. Check that the color balance is “cool”. 3. Enter the <Service1> mode. 4. Select “G-CUTOFF” item, using the color-key “Red” or “Green”, and set to “128”, using the color-key “Yellow” or “Blue”. Also, “B-CUTOFF” and “R-CUTOFF” set to “128”. 5. Set “G-DRIVE” at “208”. 6. Touch the signal receiver of color analyzer to the highlight window’s center, and adjust B drive and R drive so x, y become the “Color balance Cool” in the below table. 7. Set “ALL-DRIVE” to “252”. 8. Set colorbalance to “Normal”. 9. Fix G cutoff , B cutoff and R cutoff at “128”. 10. Fix G drive at “208”. 11. Adjust B drive and R drive so the highlight window’s x, y become the “Color balance “Normal” in the below table. 12. Set “ALL-DRIVE” to “252”. 13. Set color balance to “Warm”. 14. Set G cutoff, B cutoff and R cutoff to “128”. 15. Set G drive to “208”. 16. Adjust B drive and R drive so the highlight window’s x, y become the “Color balance Warm” shown in the below table. 17. Set “ALL-DRIVE” to “252”.		Picture menu : Dynamic ASPECT : 16:9 -Highlight section Signal amplitude 75% 

Table 1. Color balance target value

ColorTemperature	x	y
Cool	0.276	0.276
Normal	0.288	0.296
Warm	0.313	0.329

Table 2, Cut-off data addresses (PAL)

Color Balance	R	G	B
Cool	A0-0136	A0-0137	A0-0138
Normal	A0-013c	A0-013d	A0-013e
Warm	A0-0142	A0-0143	A0-0144

Table 3, Drive data addresses (PAL)

Color Balance	R	G	B
Cool	A0-0139	A0-013a	A0-013b
Normal	A0-013f	A0-0140	A0-0141
Warm	A0-0145	A0-0146	A0-0147

11.2. HD white balance adjustment

Instrument Name	Connection	Remarks
-1080i W/B Pattern -Color analyzer(Minolta CA-100 or equivalent)	-RF input -Panel surface	User setting: Normal
Procedure		Remarks

Instrument Name	Connection	Remarks

-Asing time is longer than 15min.

-Make sure the front panel to be used on the final set is fitted.

-Make sure a color signal is not being shown before adjustment.

-Put the color analyzer where there is little colour variation.

Complete the adjustment within 10 minutes after the turn on electricity. Turn on the power supply again when it is not possible to complete it by aging etc.

1. Display the white balance pattern.
2. Check that the color balance is “cool”.
3. Enter the <Service1> mode.
4. Select “G-CUTOFF” item, using the color-key “Red” or “Green”, and set to “128”, using the color-key “Yellow” or “Blue”.
Also, “B-CUTOFF” and “R-CUTOFF” set to “128”.
5. Set “G-DRIVE” at “208”.
6. Touch the signal receiver of color analyzer to the highlight window’s center, and adjust B drive and R drive so x, y become the “Color balance Cool” in the below table.
7. Set “ALL-DRIVE” to “252”.
8. Set colorbalance to “Normal”.
9. Fix G cutoff , B cutoff and R cutoff at “128”.
10. Fix G drive at “208”.
11. Adjust B drive and R drive so the highlight window’s x, y become the “Color balance “Normal” in the below table.
12. Set “ALL-DRIVE” to “252”.
13. Set color balance to “Warm”.
14. Set G cutoff, B cutoff and R cutoff to “128”.
15. Set G drive to “208”.
16. Adjust B drive and R drive so the highlight window’s x, y become the “Color balance Warm” shown in the below table.
17. Set “ALL-DRIVE” to “252”.

Table 1. Color balance target value

Color Temperature	x	y
Cool	0.276	0.276
Normal	0.288	0.296
Warm	0.313	0.329

Table 2, Cut-off data addresses (HD)

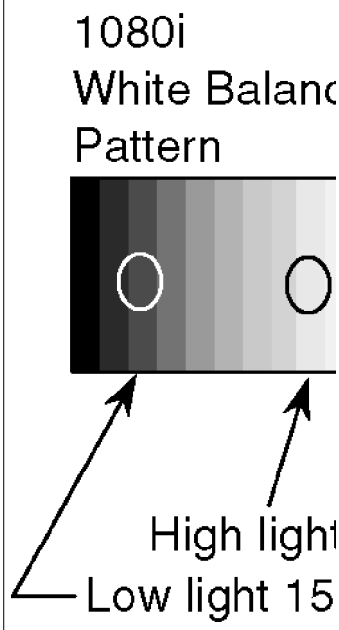
Color Balance	R	G	B
Cool	A0-0124	A0-0125	A0-0126
Normal	A0-012a	A0-012b	A0-012c
Warm	A0-0130	A0-0131	A0-0132

Table 3, Drive data addresses (HD)

Color Balance	R	G	B
Cool	A0-0127	A0-0128	A0-0129
Normal	A0-012d	A0-012e	A0-012f
Warm	A0-0133	A0-0134	A0-0135

Picture menu: Dynamic
ASPECT:16:9

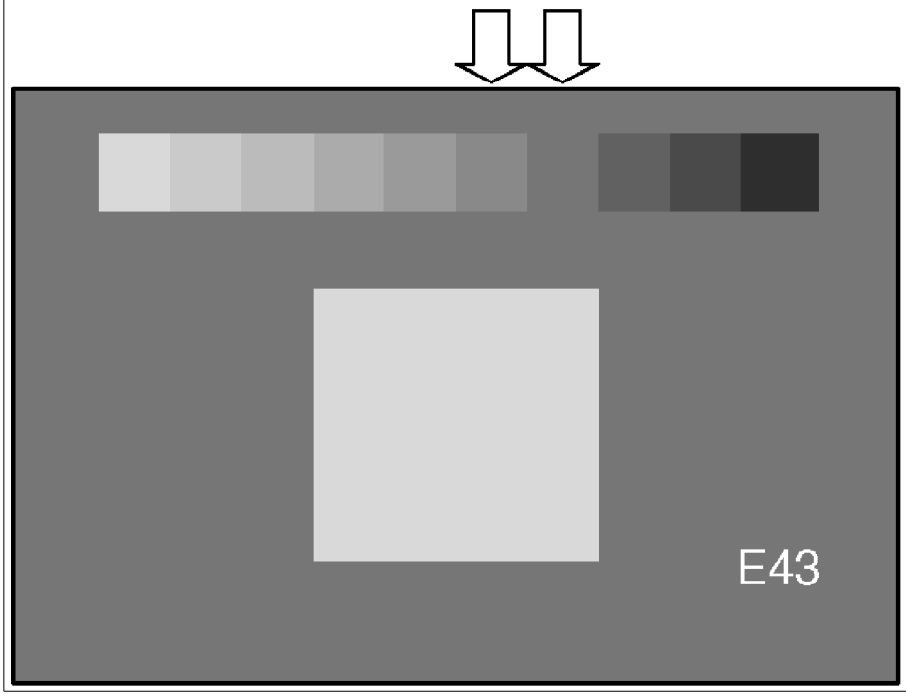
-Highlight section
Signal amplitude 75%



*** The Color balance COOL**
from Japanese model valu

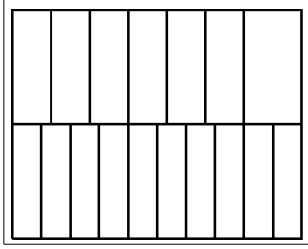
11.3. Sub bright adjustment

Instrument Name	Connection	Remarks
1. PAL signal generator (or RF)	Connect to the input terminal	User setting: Normal

Procedure	Remarks
-Color balance adjustment is finished for each signal. -Do adjustments in a dark room. -Complete the adjustment within 10 minutes after the turn on electricity. Turn on the power supply again when it is not possible to complete it by aging etc. 1. Display the 10 step gray-scale pattern for adjusting subbright from video input. 2. Use "Sub-Bright" in the <Sevice1> mode to adjust so the 6th section shows up and the 7th fades away. **Data** Sub-Bright data address Sub-Bright (upper) A0-0116 Sub-Bright (lower) A0-0117 	Picture menu: Dynamic Color balance: Normal ASPECT: 16:9

11.4. ABL adjustment

Instrument Name	Connection	Remarks
1. HD signal emitter (or Leader : 1080i/No.9 signal) 2. Wattmeter	COMPONENT input terminal Connect the AC power of the set to the wattmeter.	

Procedure	Remarks
-Make sure the set is aged for 30 minutes or more before adjustment. (Do not switch off during or after aging.) -Voltage 230V 50Hz (variation within 1%) -Volume at minimum and screen size at “16:9” Component input, dynamic, standard 1. Connect the set's AC power to the wattmeter. 2. Input the signal (top half: color bar, Bottom half :Horizontal 10steps bar). 3. Select the “PWRCTL” item in the <Service1> mode. 4. Adjust PWRCTL so the set's power consumption is TH-50PV600E 438 ±10W TH-50PX600B 447 ±10W **Remarks** 1. The initial data are Data address: A0-0102 Default data: 0×00 2. The power and data are in reverse relationship. (Lower the data to raise the power.) -Raising direction (↑): 0 → 255, 254, 253..... -Lowering direction (↓): 0 → 1, 2, 3..... 3. There is a possibility that the adjustment value can do two places, adjust it in that case, that the value of PWRCTL is large.  No.9 Signal Top half: Full color bar Bottom half: Horizontal 10 steps bar	

11.5. Sub-Contrast adjustment

Name of measuring instrument	Connection	Remarks
RF generator Base Band generator		
Preparation (AV)		**Remarks**
1. Receive AV1 (PAL 100% Full White or Split Colour bar shown as below) .  2. Goes into service mode, choose Sub-Contrast, and it checks that data value is 512. (It checks that an initial value is a default)		
Adjustment of AV system		**Remarks**
1. The colour key yellow button of remote control is pushed. 2. The OSD character of sub-contrast becomes red. (Inside under automatic adjustment) 3. The OSD character of sub-contrast returns to white. 4. End.		
Preparation (RF)		**Remarks**
1. Receive RF (PAL 100% Full White or Split Colour bar shown as below.)  2. Goes into service mode, choose Sub-Contrast, and it checks that data value is 512. (It checks that an initial value is a default)		
Adjustment of RF system		**Remarks**
1. The colour key yellow button of remote control is pushed. 2. The OSD character of sub-contrast becomes red. (Inside under automatic adjustment) 3. The OSD character of sub-contrast returns to white. 4. End.		
Preparation (HD)		**Remarks**
1. Receive Component (1080i/ 60Hz or 1080i/ 50Hz, 100% Full White or Split colour bar as shown below.)  2. Goes into service mode, choose Sub-Contrast, and it checks that data value is 384. (It checks that an initial value is a default)		
Adjustment of HD system		**Remarks**
1. The colour key yellow button of remote control is pushed. 2. The OSD character of sub-contrast becomes red. (Inside under automatic adjustment) 3. The OSD character of sub-contrast returns to white. 4. End.		

11.6. Multi-Window adjustment

Name of measuring instrument	Connection	Remarks
Base Band generator		
Condition		Remarks
Sub contrast adjustment is finished.		
Preparation		
1. Come out of market mode and input AV1 PAL 100% full white. 2. Go into service mode, choose VIDEO Gain2, and check that data is 255. (Check that initial value is the default)		
Adjustment		Remarks
1. Check the brightness of main screen and sub screen by watching. 2. Go to procedure 3 when the brightness of sub screen is higher than that of main screen. Oppositely, do not adjust and end when the brightness of sub screen is lower than that of main screen. 3. Adjust VIDEO Gain2 so that the borderline of main and sub screen may become unremarkable by watching. The EEPROM address to adjustment data. VIDEO GAIN2: A0-01b1		Press OK button.

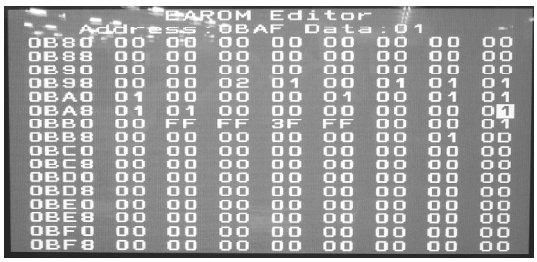
12. Hotel mode

1. Purpose

Restrict a function for hotels.

2. Access command

- Enter to the Service 2 Mode.
- Press Information button on remote control and entry to the EAROM EDITOR Mode.
- Press the RED/GREEN button to step up/down through the address.
- Press the YELLOW/BLUE button to step left/right through the address.
- Press the PROGRAMME UP/DOWN button to step up/down through the page.
- Press the VOLUME UP/DOWN button to change the function values.
- Set the data of EEPROM(ADDRESS 0BAF) to 01.
- Press the OK button to memorize the data.



Push the Power switch(button) off/on the set(the remote control) to turn the set off/on.
It can be made Hotel mode.

3. Exit command

- First, set the data of EEPROM(ADDRESS 0BAF) to 00.
Next, Push the Power switch(button) off/on the set(the remote control) to turn the set off/on.
Then, it is no longer hotel mode.

4. Access command to the Hotel mode setup menu

- Prerequisite : It is conditions that the data of EEPROM(ADDRESS 0BAF) is 01.
In order to display the Hotel mode setup menu, please enter the following command (within 2 second).
[[TV]:down + [REMOTE]:TV/AV(3 times)]
Then, the Hotel mode setup menu is displayed.



5. Explain the Hotel mode setup menu

item	Function
Initial INPUT	Select input signal modes. Set the input, when each time power is switched on. Selection : Off/TV/AV1/AV2/AV2S/AV3/Av3S/AV4/ Av4S/Component/PC/HDMI1/HDMI2 -Off: give priority to a last memory. However, Euro model is compulsorily set to TV. -AVnS/AVnC: only Euro model selectable -PC: selectable with VGA option
Initial VOL level	Adjust the volume when each time power is switched on. Selection/Range : Off/0 to 63 -Off: give priority to a last memory
Maximum VOL level	Adjust maximum volume. Range : 0 to 63
Initial POS	Select programme number. Selection : Off/0 to 99 -Off: give priority to a last memory
Button lock	Select local key conditions. Selection : Off/SETUP/MENU/All -Off: altogether valid -SETUP: only F-key is invalid (Tuning guide(menu) can not be selected.) -MENU: only F-key is invalid (only Volume/Mute can be selected.) -All: altogether invalid.
Remote lock	Select remote control key conditions. Selection : Off/SETUP/MENU -Off: altogether valid -SETUP: only Setup menu is invalid -MENU: Picture/Sound/Setup menu are invalid

6. To exit the Hotel mode

Disconnect AC power cord from wall outlet

13. Conductor Views

13.1. P-Board

13.2. PA-Board
13.3. H-Board
13.4. G and TA-Board
13.5. GK, HC, K and S-Board
13.6. GS-Board
13.7. DG-Board
13.8. XV-Board (PX600B)
13.9. D-Board
13.10. C1-Board
13.11. C2-Board
13.12. C3-Board
13.13. C4-Board
13.14. C5-Board
13.15. C6-Board
13.16. SC-Board
13.17. SU-Board
13.18. SD-Board
13.19. SS-Board
13.20. SS2 and SS3-Board
14. Schematic and Block Diagram
14.1. Schematic Diagram Notes

Important Safety Notice

Components identified by △ mark have special characteristics important for safety.
When replacing any of these components, use only manufacture's specified parts.

Notes:

1. **Resistor**
   Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
2. **Capacitor**
   Unit of capacitance is μF, unless otherwise noted.
3. Coil
   Unit of inductance is H, unless otherwise noted.
4. Test Point
   ⊙ : Test Point position
5. Earth Symbol
   ⏚ : Chassis Earth (Cold) ⏚ : Line Earth (Hot)
6. Voltage Measurement
   Voltage is measured by a DC voltmeter.
   Conditions of the measurement are the following:
   Power Source AC220-240V, 50/60Hz
   Receiving Signal ..... Colour Bar signal (RF)
   All customer's controls ..... Maximum positions
7. When arrow mark (↗) is found, connection is easily found from the direction of arrow.
8. Indicates the major signal flow. : Video ➡ Audio ▷
9. This schematic diagram is the latest at the time of printing and subject to change without notice.

Remarks:

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
   The circuit is defined by HOT and COLD indications in the schematic diagram. Take the follwing precautions.
   All circuits, except the Power Circuit, are cold.
   Precautions
   a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
   b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
   c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
      Connect the earth of instruments to the earth connection of the circuit being measured.
   d. Make sure to disconnect the power plug before removing the chassis.

14.2. Main Block Diagram

14.3. P-Board Block Diagram

14.4. P-Board (1 of 2) Schematic Diagram

14.5. P-Board (2 of 2) Schematic Diagram

14.6. PA-Board Block Diagram

14.7. PA-Board (1 of 3) Schematic Diagram

14.8. PA-Board (2 of 3) Schematic Diagram

14.9. PA-Board (3 of 3) Schematic Diagram

14.10. H and TA-Board Block Diagram

14.11. G, GK, GS, HC and K-Board Block Diagram

14.12. H-Board (1 of 3)Schematic Diagram

14.13. H-Board (2 of 3)Schematic Diagram

14.14. H-Board (3 of 3)Schematic Diagram

14.15. G-Board Schematic Diagram

14.16. GS-Board Schematic Diagram

14.17. GK, K, HC and TA-Board Schematic Diagram

14.18. DG-Board (1 of 3) Block Diagram

14.19. DG-Board (2 of 3) Block Diagram

14.20. DG-Board (3 of 3) Block Diagram

14.21. DG-Board (1 of 8) Schematic Diagram

14.22. DG-Board (2 of 8) Schematic Diagram

14.23. DG-Board (3 of 8) Schematic Diagram

14.24. DG-Board (4 of 8) Schematic Diagram

14.25. DG-Board (5 of 8) Schematic Diagram

14.26. DG-Board (6 of 8) Schematic Diagram

14.27. DG-Board (7 of 8) Schematic Diagram

14.28. DG-Board (8 of 8) Schematic Diagram

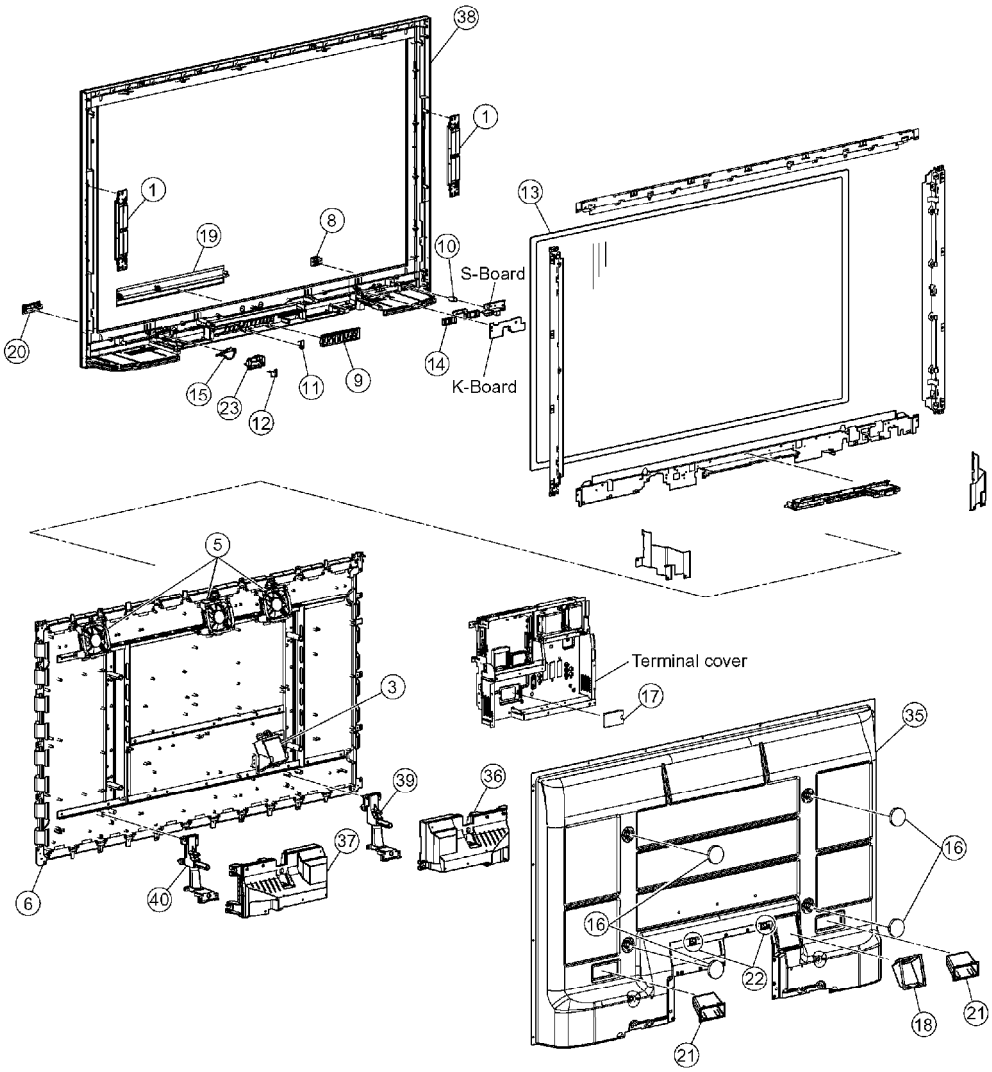
14.29. XV-Board Block Diagram (PX600B)

14.30. XV-Board (1 of 5) Schematic Diagram (PX600B)

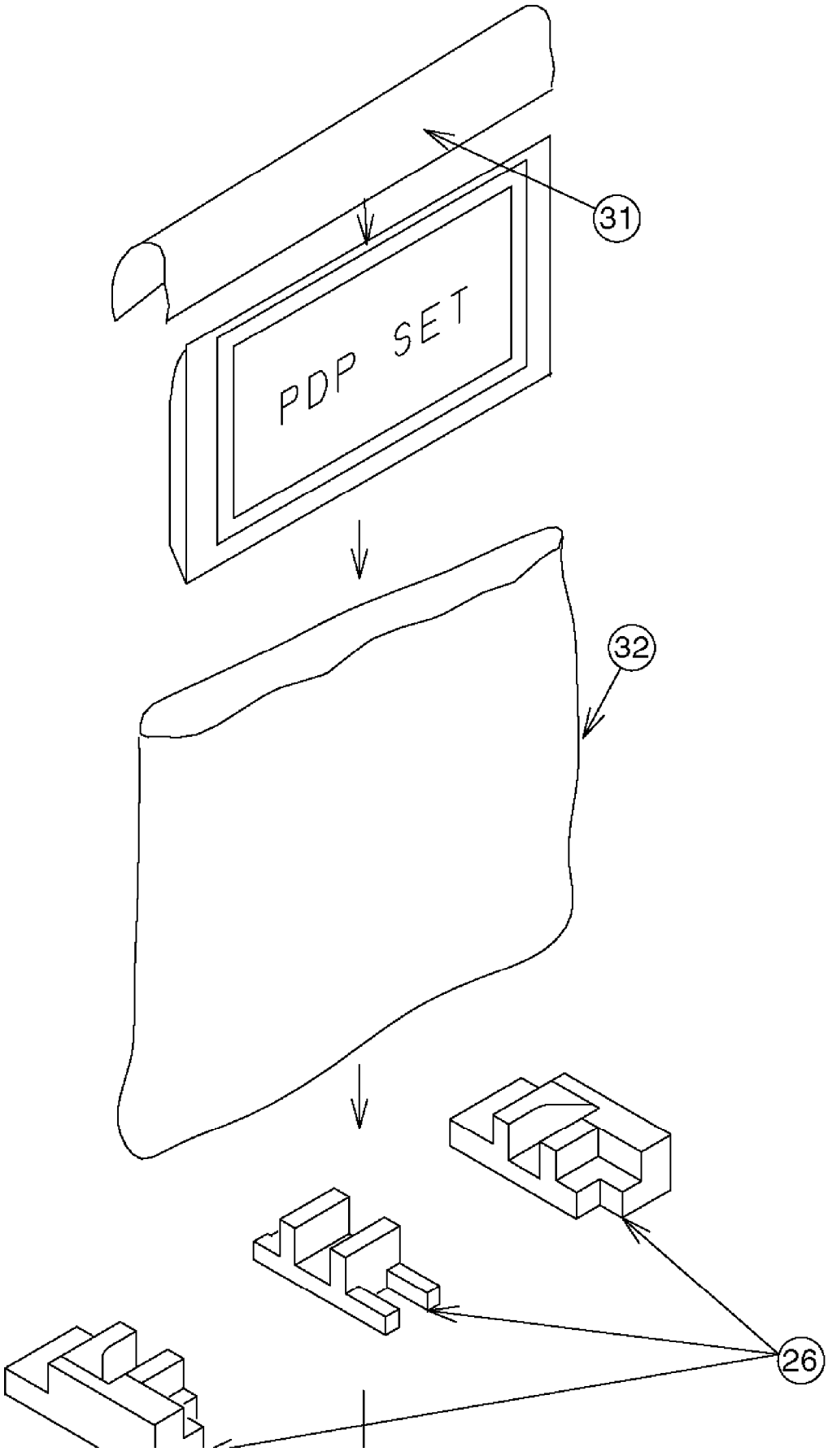
14.31. XV-Board (2 of 5) Schematic Diagram (PX600B)

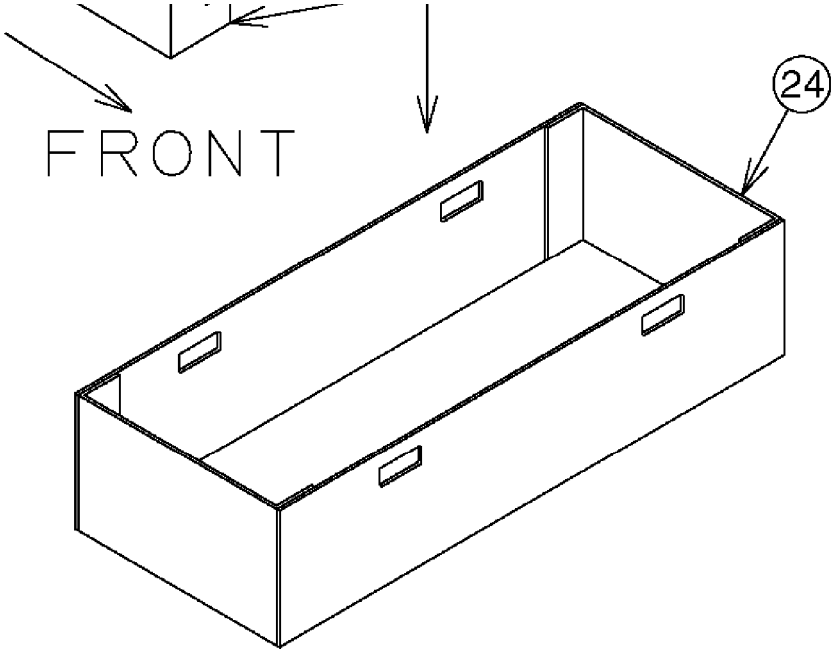
14.32. XV-Board (3 of 5) Schematic Diagram (PX600B)
14.33. XV-Board (4 of 5) Schematic Diagram (PX600B)
14.34. XV-Board (5 of 5) Schematic Diagram (PX600B)
14.35. D-Board (1 of 2) Block Diagram
14.36. D-Board (2 of 2) Block Diagram
14.37. D-Board (1 of 8) Schematic Diagram
14.38. D-Board (2 of 8) Schematic Diagram
14.39. D-Board (3 of 8) Schematic Diagram
14.40. D-Board (4 of 8) Schematic Diagram
14.41. D-Board (5 of 8) Schematic Diagram
14.42. D-Board (6 of 8) Schematic Diagram
14.43. D-Board (7 of 8) Schematic Diagram
14.44. D-Board (7 of 8) Schematic Diagram
14.45. C1, C2, C5 and C6-Board Block Diagram
14.46. C3, C4, SS, S, SS2 and SS3-Board Block Diagram
14.47. C1-Board (1 of 2) Schematic Diagram
14.48. C1-Board (2 of 2) Schematic Diagram
14.49. C2-Board (1 of 3) Schematic Diagram
14.50. C2-Board (2 of 3) Schematic Diagram
14.51. C2-Board (3 of 3) Schematic Diagram
14.52. C3-Board (1 of 2) Schematic Diagram
14.53. C3-Board (2 of 2) Schematic Diagram
14.54. C4-Board (1 of 2) Schematic Diagram
14.55. C4-Board (2 of 2) Schematic Diagram
14.56. C5-Board (1 of 3) Schematic Diagram

14.57. C5-Board (2 of 3) Schematic Diagram
14.58. C5-Board (3 of 3) Schematic Diagram
14.59. C6-Board (1 of 2) Schematic Diagram
14.60. C6-Board (2 of 2) Schematic Diagram
14.61. SS, S, SS2 and SS3-Board Schematic Diagram
14.62. SC, SU and SD-Board Block Diagram
14.63. SC-Board (1 of 2) Schematic Diagram
14.64. SC-Board (2 of 2) Schematic Diagram
14.65. SU-Board (1 of 2) Schematic Diagram
14.66. SU-Board (2 of 2) Schematic Diagram
14.67. SD-Board (1 of 2) Schematic Diagram
14.68. SD-Board (2 of 2) Schematic Diagram
15. Parts Location & Mechanical Replacement Parts List
15.1. Parts Location

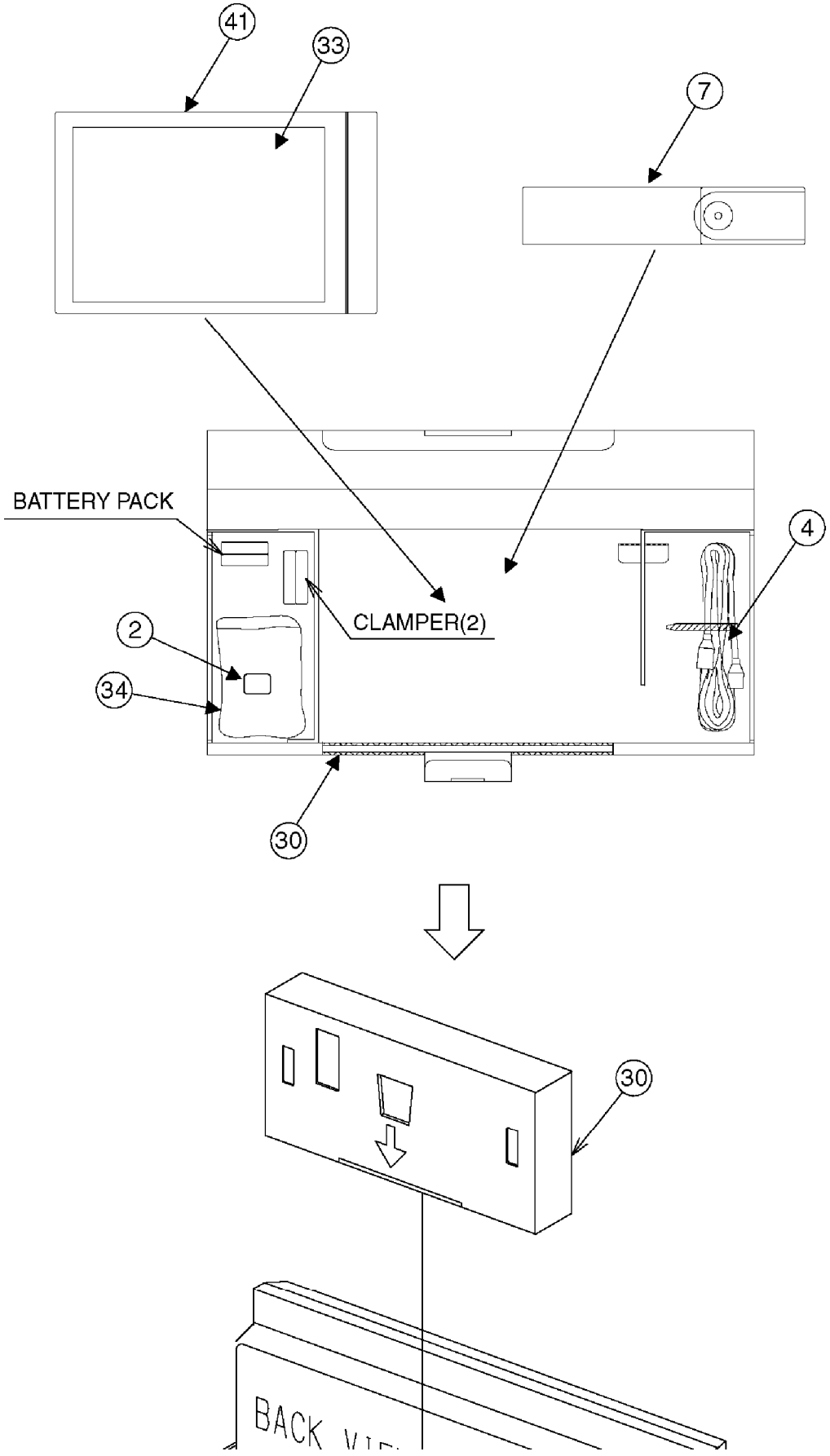


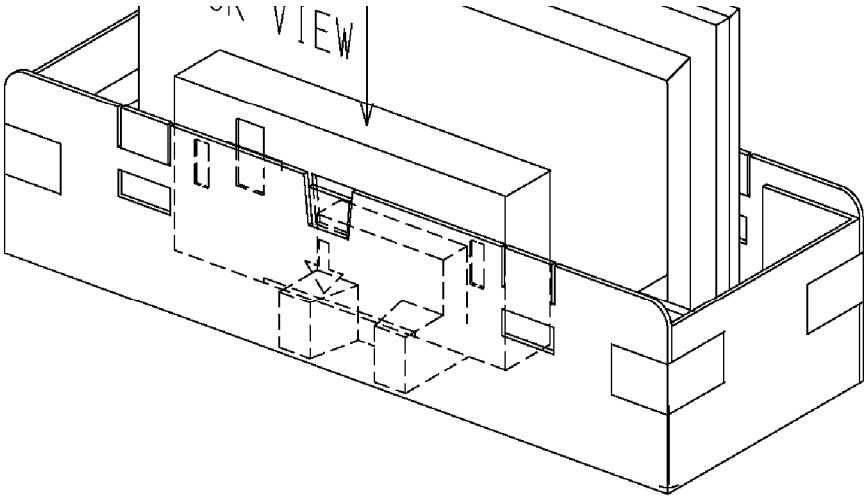
15.2. Packing Exploded Views (1)


PDP SET
31
32
26

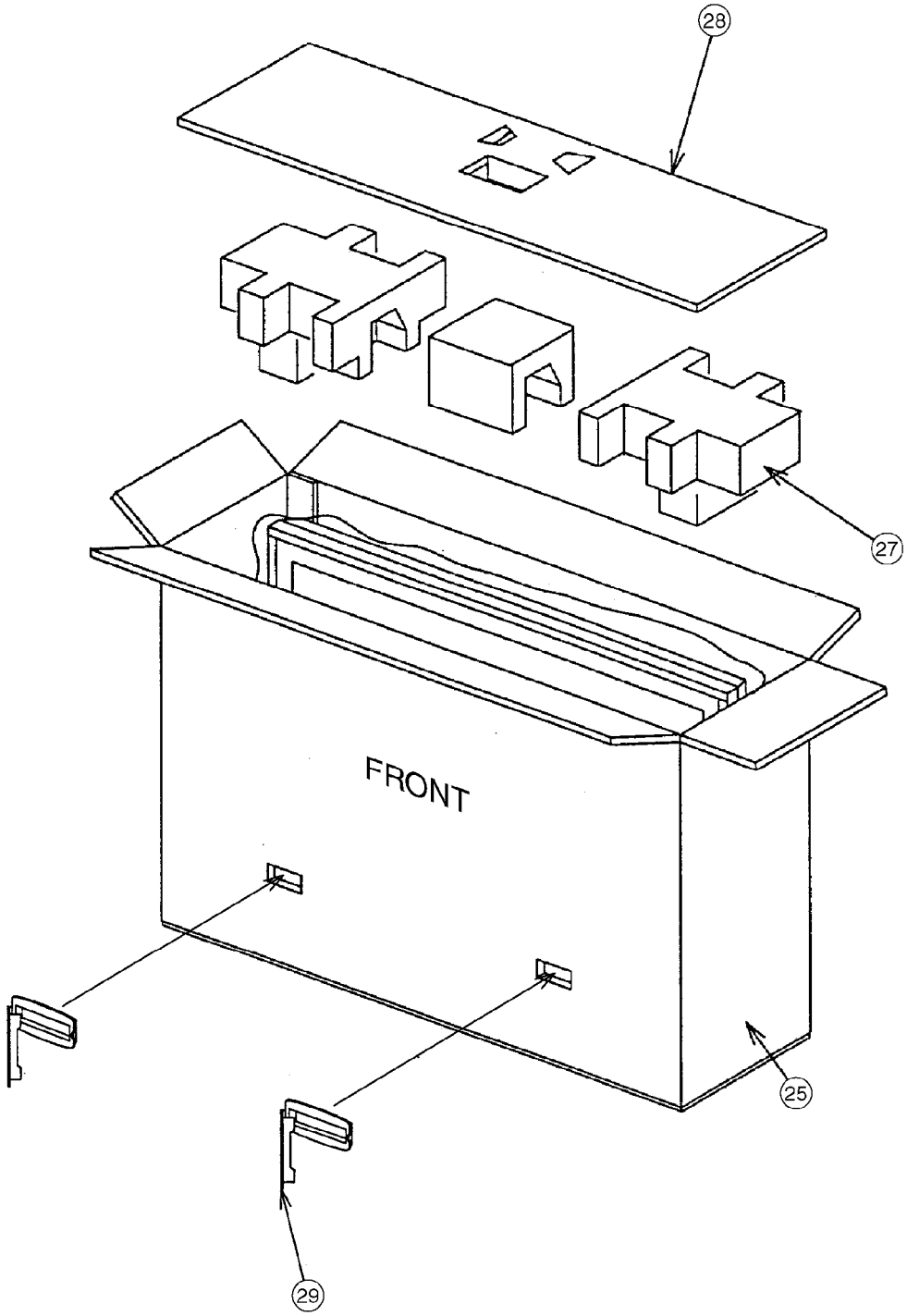


15.3. Packing Exploded Views (2)


41
33
7
BATTERY PACK
4
CLAMPER(2)
2
34
30
30
BACK



15.4. Packing Exploded Views (3)



15.5. Mechanical Replacement Parts List

Note:
All parts except parts mentioned [PAVCCZ] in the Remarks column are supplied by PAVC-CSG.
Parts mentioned [PAVCCZ] are supplied by PAVCCZ.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1	EAS10D85A	SQUAWKER SP	2	
2	J0KF00000018	FERRITE CORE (INCLUDED ACCESSORY)	1	
	J0KF00000038	CORE (FOR SPEAKER LEAD WIRE)	2	
	J2ZZ00000054	RF-CABLE	1	TH-50PX600B PAVCCZ
	K1YD68000002	68P CONNECTOR	1	
	K1YD80000002	80P CONNECTOR	1	
3	K2AHYH000008	AC INLET	1	PAVCCZ ⚠
4	K2CN3DH00006	AC CORD(CONTINENTAL)	1	TH-50PV600E ⚠
4	K2CT3DH00018	AC CORD	1	TH-50PX600B ⚠
5	L6FALEFH0041	FAN (80MM)	3	
6	MD50H09A1J	PLASMA DISPLAY PANEL	1	⚠
7	N2QAYB000025	REMOTE CONTROL	1	TH-50PV600E PAVCCZ
7	N2QAKB000059	REMOTE CONTROL	1	TH-50PX600B PAVCCZ
8	TBXA48602	POWER BUTTON	1	
9	TBXA48803	CONTROL BOTTON	1	
10	TES4G204	POWER BOTTON SPRING	1	
11	TESA274	LEAF SPRING	1	
12	TESA275	SD DOOR SPRING	1	
	THEL0429	SCREW	26	
	THTA0419	HOOK SCREW	2	
	THTD011J	SCREW	2	
	THTD013N	SCREW	9	
	THTF011N	SCREW	166	TH-50PV600E PAVCCZ
	THTF011N	SCREW	176	TH-50PX600B PAVCCZ
13	TKGA5279	FRONT GLASS	1	PAVCCZ
14	TKKC5237	LED PANEL	1	TH-50PX600B PAVCCZ
14	TKKC5244	LED PANEL	1	TH-50PV600E PAVCCZ
15	TKKC5238	SD LIGHT PANEL	1	
16	TKKL5231	M8 SPACER CAP	4	
17	TKKL5269-1	COVER	1	
18	TKPA94301	INLET COVER	1	
19	TKPB00605	DOOR	1	
20	TKPB02902	SD DOOR	1	
21	TKRA46201	REAR COVER HANDLE	2	
22	TKRA52101	HOLE CAP	2	
	TMK0E735	SPONGE (TKG/UPPER/BOTTOM)	2	PAVCCZ
	TMK0E739	SPONGE (TKG/LEFT/RIGHT)	2	PAVCCZ
	TMKG670	FAN SPONGE	3	
	TMM15481	CLAMPER	1	TH-50PX600B
	TMM16474	CLAMPER	1	
	TMM17499	CLAMPER	1	
	TMM25401	CLAMPER	7	TH-50PV600E PAVCCZ
	TMM25401	CLAMPER	8	TH-50PX600B PAVCCZ
	TMM7464-2	CLAMPER	2	
	TMM7468-1	CLAMPER	2	
	TMME047	CLAMPER	3	
	TMME061	CLAMPER	1	
	TMME075	EADG SADOLE	3	TH-50PV600E
	TMME144	CLAMPER	3	
	TMME190	CLAMPER	3	TH-50PV600E
	TMME190	CLAMPER	4	TH-50PX600B
	TMME226	CLAMPER	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	TMME258	CABLE CLAMPER (INCLUDED ACCESSORY)	2	
	TMME260	CLAMPER	25	
	TMMJ068	RUBBER(FAN)	9	
	TMMX134	M8-SPACER	4	PAVCCZ
23	TMWX040	SD LIGHT PANEL BRACKET	1	PAVCCZ
24	TPC0E65901	CARTON BOX BOTTOM	1	PAVCCZ
25	TPC0E66001	CARTON BOX TOP	1	PAVCCZ ⚠
26	TPD0E0113	CUSHION BOTTOM	1	PAVCCZ
27	TPD0E0114	CUSHION TOP	1	PAVCCZ
28	TPD0E9036	PAD TOP	1	PAVCCZ
29	TPD169487	JOINT	4	
30	TPDF1197	ACCESSORIES BOX	1	
31	TPE0E4013	TOP PROTECT SHEET	1	PAVCCZ
32	TPEH170	PROTECT COVER	1	
33	TQB0E0262	INSTRUCTION BOOK (ENGLISH)	1	TH-50PX600B PAVCCZ ⚠
33	TQB0E0263A	INSTRUCTION BOOK (GERMAN)	1	TH-50PV600E PAVCCZ ⚠
33	TQB0E0263B	INSTRUCTION BOOK (DUTCH)	1	TH-50PV600E PAVCCZ ⚠
33	TQB0E0263C	INSTRUCTION BOOK (ITALIAN)	1	TH-50PV600E PAVCCZ ⚠
33	TQB0E0263D	INSTRUCTION BOOK (FRENCH)	1	TH-50PV600E PAVCCZ ⚠
33	TQB0E0263E	INSTRUCTION BOOK (SPANISH)	1	TH-50PV600E PAVCCZ ⚠
33	TQB0E0263F	INSTRUCTION BOOK (SWEDISH)	1	TH-50PV600E PAVCCZ ⚠
33	TQB0E0263K	INSTRUCTION BOOK (DANISH)	1	TH-50PV600E PAVCCZ ⚠
33	TQB0E0263M	INSTRUCTION BOOK (BULGALIA)	1	TH-50PV600E PAVCCZ ⚠
33	TQB0E0263N	INSTRUCTION BOOK (RUMANIAN)	1	TH-50PV600E PAVCCZ ⚠
33	TQB0E0263P	INSTRUCTION BOOK (POLISH)	1	TH-50PV600E PAVCCZ ⚠
33	TQB0E0263Q	INSTRUCTION BOOK (HUNGARIA)	1	TH-50PV600E PAVCCZ ⚠
33	TQB0E0263R	INSTRUCTION BOOK (CZECH)	1	TH-50PV600E PAVCCZ ⚠
33	TQB0E0263U	INSTRUCTION BOOK (ENGLISH)	1	TH-50PV600E PAVCCZ ⚠
34	TQEF035	POLY BAG(FILTER)	1	
	TSXL514	CABLE (D32-C31)	1	
	TSXL515	CABLE (D33-C41)	1	
	TSXL516	CABLE (D31-C21)	1	
	TSXL517	CABLE (D34-C51)	1	
	TSXL518	CABLE (C10-C20/C50-C60)	2	
	TSXL519	CABLE (C22-C32/C52-C42)	2	
	TSXL520	CABLE (DG1-H1)	1	
	TSXL521	CABLE (DG15-HC15)	1	
	TSXL524	CABLE (DG3-D3)	1	
	TSXL525	CABLE (DG20-PA20)	1	
	TSXL545	CABLE (GS12-SD)	1	
35	TTUA1380	REAR COVER	1	TH-50PX600B PAVCCZ ⚠
35	TTUA1386	REAR COVER	1	TH-50PV600E PAVCCZ ⚠
36	TXFAB01BETB	SPEAKER BOX ASS'Y (LEFT)	1	PAVCCZ
37	TXFAB02BETB	SPEAKER BOX ASS'Y (RIGHT)	1	PAVCCZ
38	TXFKE01BETE	ESCUTCHEON ASS'Y	1	TH-50PV600E PAVCCZ ⚠
38	TXFKE01BETB	ESCUTCHEON ASS'Y	1	TH-50PX600B PAVCCZ ⚠
39	TXFMZ01BETB	STAND BLOCK ASS'Y (LEFT)	1	PAVCCZ

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
40	TXFMZ02BETB	STAND BLOCK ASS'Y (RIGHT)	1	PAVCCZ
	XTB4+12GFJ	SCREW	1	
	XTB4+12GFJK	SCREW	71	
	XTV3+10GFJ	SCREW	4	
	XTV3+10JFJK	SCREW	6	
	XTW3+10TFJ	SCREW	2	
	XTW4+25DFJ	SCREW	14	PAVCCZ
	XYN2+F5FJ	SCREW (TOP-BOT)	1	
	XYN3+F10FJ	SCREW	1	
	XYN3+F6FJ	SCREW	1	
	XYN3+F8FJ	SCREW	27	TH-50PV600E
	XYN3+F8FJ	SCREW	33	TH-50PX600B
	XYN3+J12FJ	SCREW	40	
	XYN3+J8FJ	SCREW ROHS	10	TH-50PV600E
	XYN3+J8FJ	SCREW ROHS	6	TH-50PX600B
	XYN4+E8FJ	SCREW	1	
	XYN4+F10FJK	SCREW	12	
	XYN5+C15FJ	SCREW	8	
41	XZBT6530	POLY BAG(INST BOOK)	1	

16. Electrical Replacement Parts List

16.1. Replacement Parts List Notes

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item.
After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 C 100KOHM, J, 1/4W
Type Allowance

2. Capacitor

Example:

ECKF1H103ZF C 0.01UF, Z, 50V
Type Allowance

Type	Allowance
C : Carbon	F : ±1%
F : Fuse	G : ±2%
M : Metal Oxide Metal Film	J : ±5%
S : Solid	K : ±10%
W : Wire Wound	M : ±20%

Type	Allowance
C : Ceramic	C : ±0.25pF
E : Electrolytic	D : ±0.5pF
P : Polyester Polypropylene	F : ±1pF
	G : ±3pF
	J : ±5pF
T : Tantalum	K : ±10pF
	L : ±15pF
	M : ±20pF
	P : +100%, -0%
	Z : +80%, -20%

16.2. Electrical Replacement Parts List

Note:
All parts except parts mentioned [PAVCCZ] in the Remarks column are supplied by PAVC-CSG.
Parts mentioned [PAVCCZ] are supplied by PAVCCZ.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
F601.602	K5D103BMA001	TIME LAG FUSE HIGH	2	⚠
C001	ECA0JM102	E 1000UF, 6.3V	1	
C002,03	ECA1HM100	E 10UF, 50V	2	
C007	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C009	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C10	K1MN55BA0076	55P CONNECTOR	1	
C013	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C016	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C018,19	ECJ1VC1H330J	C 33PF, J, 50V	2	
C020	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C20	K1MN55BA0076	55P CONNECTOR	1	
C021	ECJ1XC1H101J	C 100PF, J, 50V	1	
C21	K1MN80BA0076	80P CONNECTOR	1	
C22	K1MN20BA0231	20P CONNECTOR	1	
C31	K1MN55BA0076	55P CONNECTOR	1	
C32	K1MN20BA0231	20P CONNECTOR	1	
C33	K1KA04AA0150	4P CONNECTOR	1	
C41	K1MN68BA0076	68P CONNECTOR	1	
C42	K1MN20BA0231	20P CONNECTOR	1	
C43	K1KA12BA0107	12P CONNECTOR	1	
C44	K1KA04BA0107	4P CONNECTOR	1	
C50	K1MN55BA0076	55P CONNECTOR	1	
C51	K1MN80BA0076	80P CONNECTOR	1	
C52	K1MN20BA0231	20P CONNECTOR	1	
C60	K1MN55BA0076	55P CONNECTOR	1	
C1100	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1102	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1103	ECJ0EB1E271K	C 270PF, K, 25V	1	
C1105	ECJ0EB1E271K	C 270PF, K, 25V	1	
C1106	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1107	EEEHB0G101R	C 100PF, J, 4V	1	
C1109-11	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C1112	ECJ0EB1E271K	C 270PF, K, 25V	1	
C1114	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1116	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1118-23	ECJ0EB1A104K	C 0.1UF, K, 10V	6	
C1125	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1127-32	ECJ0EB1A104K	C 0.1UF, K, 10V	6	
C1133,34	ECJ1XC1H150J	C 15PF, J, 50V	2	
C1135-42	ECJ0EB1A104K	C 0.1UF, K, 10V	8	
C1144-50	ECJ0EB1A104K	C 0.1UF, K, 10V	7	
C1152	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1153	EEEHB0G101R	C 100PF, J, 4V	1	
C1154	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1155	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C1156,57	ECJ1XC1H220J	C 22PF, J, 50V	2	
C1158	F1J0J1060004	C 0.010UF, K, 16V	1	
C1159	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1160	F2G0J470A019	E 47UF 6.3V	1	
C1161	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1162	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C1167,68	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	

[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C1170,71	ECJ0EB1A104K	C 0.1UF, K, 10V	2	TH-50PX600B
C1172	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1177	ECJ1VB1A334K	C 0.1UF, K, 16V	1	
C1178	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1180,81	ECJ1VB1H221K	C 220UF, K, 50V	2	
C1186	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1190	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C1209	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1212	ECJ1XC1H151J	C 150PF, J, 50V	1	
C1219,20	EEEHP1C100R	C 10PF, J, 16V	2	
C1221	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C1222,23	F1J0J1060004	C 0.010UF, K, 16V	2	
C1226	F1J0J1060004	C 0.010UF, K, 16V	1	
C1227	ECJ0EB1H101K	C 100PF, K, 50V	1	
C1228-34	EEEHB1C470P	C 47PF, J, 16V	7	
C1294	ECJ1XC1H330J	C 33PF, J, 50V	1	
C2005-18	ECJ1XC1H561J	C 560PF, J, 50V	14	
C2019	ECA1CM221	E 220UF, 16V	1	
C2020	ECA1HM220	E 22UF, 50V	1	
C2021,22	ECJ1XC1H561J	C 560PF, J, 50V	2	
C2103,04	ECJ3YB1A106M	C 10UF, M,6.3V	2	
C2111	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2116	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2118,19	ECEA1CN470U	E 47UF, 16V	2	
C2122,23	ECJ3YB1A106M	C 10UF, M,6.3V	2	
C2125,26	ECJ1VB1H102K	C 1000PF, K, 50V	2	
C2127	ECA1CMH101	E 100UF, 16V	1	
C2128	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2129,30	F1J1A1050002	C 1UF, Z, 50V	2	
C2131	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2132	EEEHB1C100R	C 10PF, J, 16V	1	
C2133,34	ECJ1XC1H470J	C 47PF, J, 50V	2	
C2135,36	ECJ2FB1C105K	C 1UF, K, 16V	2	
C2139-43	ECJ1VB1H103K	C 0.001UF, K, 50V	5	
C2144,45	ECJ3YB1A106M	C 10UF, M,6.3V	2	
C2146	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2147	ECA1HM220	E 22UF, 50V	1	
C2148-50	ECJ2FB1C105K	C 1UF, K, 16V	3	
C2152	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2153	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C2154	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2155	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2156	ECJ3YB1A106M	C 10UF, M,6.3V	1	
C2157	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2158	ECJ3YB1A106M	C 10UF, M,6.3V	1	
C2159,60	ECJ2FB1C105K	C 1UF, K, 16V	2	
C2161	ECA1CMH101	E 100UF, 16V	1	
C2162-69	ECJ2FB1C105K	C 1UF, K, 16V	8	
C2170-72	ECJ1VB1H102K	C 1000PF, K, 50V	3	
C2173	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2174	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2175-77	ECJ1VB1H103K	C 0.001UF, K, 50V	3	
C2178,79	EEEHB1C100R	C 10PF, J, 16V	2	
C2181	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2183	EEEHB1H3R3R	C 3.3PF, J, 50V	1	
C2184,85	ECJ2VF1C104Z	C 0.1UF, Z, 16V	2	
C2189,90	ECJ2FB1C105K	C 1UF, K, 16V	2	
C2191	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2192	EEEHB1C100R	C 10PF, J, 16V	1	
C2193,94	ECJ2FB1C105K	C 1UF, K, 16V	2	
C2195	ECJ1XC1H470J	C 47PF, J, 50V	1	
C2196	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2197	ECJ2FB0J225K	C 2.2UF, Z, 16V	1	
C2198	EEEHB0J101P	C 100PF, J, 6.3V	1	
C2199	ECJ1VC1H560J	C 56PF, J, 50V	1	
C2200	ECJ1XC1H470J	C 47PF, J, 50V	1	
C2201	ECJ1XC1H030C	C 3PF, C, 50V	1	
C2202	ECJ1XC1H050C	C 5PF, C, 50V	1	
C2203	ECJ1VC1H100C	C 10PF, C, 50V	1	
C2204	ECJ1XC1H220J	C 22PF, J, 50V	1	
C2211	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C2213	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
C2217	F1H0J1050012	C 1UF, K, 16V	1	
C2218-21	ECJ3YB1A106M	C 10UF, M,6.3V	4	
C2222	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2223	ECJ1XC1H390J	C 39PF, J, 50V	1	
C2225	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2226	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2227	ECA1CMH101	E 100UF, 16V	1	
C2228	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2229,30	ECA1CMH101	E 100UF, 16V	2	
C2231	ECA1CHG470	E 47UF, 16V	1	
C2232	F1H0J1050012	C 1UF, K, 16V	1	
C2233,34	ECJ1VB1H102K	C 1000PF, K, 50V	2	
C2235	F1H0J1050012	C 1UF, K, 16V	1	
C2236	ECA1CHG470	E 47UF, 16V	1	
C2237-40	ECJ1VB1H103K	C 0.001UF, K, 50V	4	
C2243	ECA1CHG470	E 47UF, 16V	1	
C2301	ECA1EHG471	E 470UF, 25V	1	
C2302,03	ECA1CMH101	E 100UF, 16V	2	
C2304,05	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C2306	ECJ1VB1C823K	C 0.082UF, K, 16V	1	
C2307	ECA1CMH101	E 100UF, 16V	1	(H)
C2307	ECJ1VB1C823K	C 0.082UF, K, 16V	1	(PA)
C2308,09	ECJ1VB1H822K	C 8200PF, K, 50V	2	
C2310	ECJ1XB1C393K	C 0.039UF, K, 16V	1	
C2311,12	ECJ1VB1H822K	C 8200PF, K, 50V	2	
C2313	ECJ1XB1C393K	C 0.039UF, K, 16V	1	
C2314	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C2317	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2320	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2321	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2322	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2323,24	ECJ2FB1E224K	C 22UF, K, 25V	2	
C2325,26	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C2327	F1J1H474A757	C 0.47UF, 50V	1	
C2328-31	ECJ2FB1E105K	C 1UF, K, 25V	4	
C2332,33	ECA1EHG471	E 470UF, 25V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2334,35	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C2336	F1J1H474A757	C 0.47UF, 50V	1	
C2337,38	ECJ2FB1E224K	C 22UF, K, 25V	2	
C2341	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C2342	ECJ2FB1E105K	C 1UF, K, 25V	1	
C2346	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2349	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2350	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2351	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2352,53	ECJ2FB1E224K	C 22UF, K, 25V	2	
C2354,55	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C2356	F1J1H474A757	C 0.47UF, 50V	1	
C2357-60	ECJ2FB1E105K	C 1UF, K, 25V	4	
C2361,62	ECA1EHG471	E 470UF, 25V	2	
C2363,64	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C2365	F1J1H474A757	C 0.47UF, 50V	1	
C2366,67	ECJ2FB1E224K	C 22UF, K, 25V	2	
C2368,69	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C2370	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C2371	ECJ2FB1E105K	C 1UF, K, 25V	1	
C2372	ECA1HHG100	E 10UF, 50V	1	
C2373	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C2374	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2380,81	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C2382	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C2385	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2387	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2389	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2391	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2393-96	ECJ1VB1C105K	C 0.01UF, K, 16V	4	
C2401	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2402	ECJ2FB0J106M	C 10UF, Z,6.3V	1	
C2403	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2404	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2405	ECJ2FB0J106M	C 10UF, Z,6.3V	1	
C2416	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2417,18	ECJ2FB0J106M	C 10UF, Z,6.3V	2	
C2430	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2510,11	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C2512	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C2515	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2517	ECJ1VB1H103K	C 0.001UF, K, 50V	1	TH-50PX600B
C2521	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3001-03	ECJ1VB1H102K	C 1000PF, K, 50V	3	
C3021	F1J1A1050002	C 1UF, Z, 50V	1	
C3022,23	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C3024-28	F1J1A1050002	C 1UF, Z, 50V	5	
C3029	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3030	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3031	F1J1A1050002	C 1UF, Z, 50V	1	
C3033	F1J1A1050002	C 1UF, Z, 50V	1	
C3035,36	F1J1A1050002	C 1UF, Z, 50V	2	
C3038	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3039	F1J1A1050002	C 1UF, Z, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3040	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3041	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3042,43	F1J1A1050002	C 1UF, Z, 50V	2	
C3045,46	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C3047	F1J1A1050002	C 1UF, Z, 50V	1	
C3048	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3049-56	F1J1A1050002	C 1UF, Z, 50V	8	
C3058	ECA1EM471	E 470UF, 25V	1	
C3059	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3061-64	ECJ2VF1C104Z	C 0.1UF, Z, 16V	4	
C3065	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3066	F1J1A1050002	C 1UF, Z, 50V	1	
C3067	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3068	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3070	ECA1EM471	E 470UF, 25V	1	
C3071	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3072	ECA1EM471	E 470UF, 25V	1	
C3073	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3074	ECA1EM471	E 470UF, 25V	1	
C3075	ECA1CM221	E 220UF, 16V	1	
C3076	ECA1EM471	E 470UF, 25V	1	
C3207	ECA1AM102	E 1000UF, 10V	1	
C3214	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3216	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3226-28	ECJ2VF1C104Z	C 0.1UF, Z, 16V	3	
C3229	ECJ2FF1A106Z	C 0.001UF, Z, 10V	1	
C3230	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3231	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3233	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3241	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3262	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C3268	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3305	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3330	ECA1CM470	E 47UF, 16V	1	
C3331	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C3332	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3334	ECEA1CN470U	E 47UF, 16V	1	
C3335	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C3336	ECEA1CN470U	E 47UF, 16V	1	
C3337	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C3338	ECEA1CN470U	E 47UF, 16V	1	
C3339	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C3340-42	ECJ2VF1C104Z	C 0.1UF, Z, 16V	3	
C3701	ECJ2XC1H561K	C 560PF, K, 50V	1	
C3703	ECJ2XC1H561K	C 560PF, K, 50V	1	
C3711,12	ECJ2VF1H333Z	C 0.033UF, Z, 50V	2	
C3750,51	ECJ2XC1H102K	C 1000PF, K, 50V	2	
C4003-08	F1J0J1060004	C 0.010UF, K, 16V	6	
C4009	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C4012,13	ECJ1XC1H180J	C 18PF, J, 50V	2	
C4014,15	F1J0J1060004	C 0.010UF, K, 16V	2	
C4023	F1J0J1060004	C 0.010UF, K, 16V	1	
C4026	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4027	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4028	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4112	F1J0J1060004	C 0.010UF, K, 16V	1	
C4117	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4142	F1H1C104A065	C 0.1UF, K, 16V	1	
C4144-46	ECJ1XC1H050C	C 5PF, C, 50V	3	
C4148-51	ECJ1VB1A105K	C 0.01UF, Z, 50V	4	
C4157	F1J0J1060004	C 0.010UF, K, 16V	1	
C4158	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4159	F1H1C104A065	C 0.1UF, K, 16V	1	
C4160	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4161,62	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4165	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4168	ECJ1XC1H680J	C 68PF, J, 50V	1	
C4169	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4171	ECJ1XC1H471J	C 470PF, J, 50V	1	
C4172,73	F1H1C104A065	C 0.1UF, K, 16V	2	
C4174	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4175	F1H1C104A065	C 0.1UF, K, 16V	1	
C4176	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4177	ECJ2FB1C684K	C 68UF, Z, 16V	1	
C4178	ECJ1XB1C393K	C 0.039UF, K, 16V	1	
C4180	F1H1C104A065	C 0.1UF, K, 16V	1	
C4181	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4182	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4185,86	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C4187	F2G0J470A019	E 47UF 6.3V	1	
C4188	F1J0J1060004	C 0.010UF, K, 16V	1	
C4189-92	ECJ0EB1A104K	C 0.1UF, K, 10V	4	
C4193	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4194-97	F1H1C104A065	C 0.1UF, K, 16V	4	
C4198	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4199	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4200	F2G0J470A019	E 47UF 6.3V	1	
C4201	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4204	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4205,06	F1H1C104A065	C 0.1UF, K, 16V	2	
C4208,09	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4211	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4212	EEEHB0G221P	C 220PF, J, 4V	1	
C4213	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4214	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4215	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4216	F2G0J470A019	E 47UF 6.3V	1	
C4217	F1H1C104A065	C 0.1UF, K, 16V	1	
C4218	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4219	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4220	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4224	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4225	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4226	ECJ1XC1H680J	C 68PF, J, 50V	1	
C4227	ECJ1VB1C823K	C 0.082UF, K, 16V	1	
C4228	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4229	F1H1C104A065	C 0.1UF, K, 16V	1	
C4230-34	ECJ0EB1A104K	C 0.1UF, K, 10V	5	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4235	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4236-42	ECJ0EB1A104K	C 0.1UF, K, 10V	7	
C4243,44	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4245,46	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4248	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4250,51	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4252	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4253	F2G0J470A019	E 47UF 6.3V	1	
C4255	ECJ1VB1H562K	C 5600PF, K, 50V	1	
C4256	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4257	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C4258	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4259	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4261-65	ECJ0EB1A104K	C 0.1UF, K, 10V	5	
C4266	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4267,68	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4269	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4270	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4272	F2G0J470A019	E 47UF 6.3V	1	
C4273-75	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4276	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4277	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C4281-84	ECJ0EB1A104K	C 0.1UF, K, 10V	4	
C4287,88	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4289,90	EEEHB0J330R	C 33PF, J, 6.3V	2	
C4291,92	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4296	F1J0J1060004	C 0.010UF, K, 16V	1	
C4297	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4298-06	ECJ1VB1A105K	C 0.01UF, Z, 50V	9	
C4307-09	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4310	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4311	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4312	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4313,14	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4315	F1J0J1060004	C 0.010UF, K, 16V	1	
C4316-18	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4320-22	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4325	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4327	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4329,30	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4331	F1J0J1060004	C 0.010UF, K, 16V	1	
C4332	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4333-38	ECJ0EB1A104K	C 0.1UF, K, 10V	6	
C4339	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4340	ECJ1XC1H471J	C 470PF, J, 50V	1	
C4341	EEEHB1C470P	C 47PF, J, 16V	1	
C4342	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4343	EEEHB1C100R	C 10PF, J, 16V	1	
C4344,45	F1J0J1060004	C 0.010UF, K, 16V	2	
C4346	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4347	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4348	EEEHB1C470P	C 47PF, J, 16V	1	
C4349	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4350,51	ECJ1XC1H181J	C 180PF, J, 50V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4352,53	ECJ1XC1H330J	C 33PF, J, 50V	2	
C4354	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4360	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4362	F1J0J1060004	C 0.010UF, K, 16V	1	
C4363,64	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4365	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4366	F2G0J470A019	E 47UF 6.3V	1	
C4367	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4371	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4372	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4373	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4374	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4375,76	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4377	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4379	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4380	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4381,82	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4383	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4384	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4385	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4386	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4387	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4388	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4389	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4390	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4391	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4392	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4393,94	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4395	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4396	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4397,98	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4399,00	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4401	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4402,03	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4404	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4405	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4406	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4407,08	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4409	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4410	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4411,12	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4413,14	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4415	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4417	F2G0J470A019	E 47UF 6.3V	1	
C4418,19	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4420,21	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4422-24	ECJ0EB1H102K	C 1000PF, K, 50V	3	
C4425,26	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4427	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4428	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4429,30	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4434	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4435	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4436-39	ECJ0EB1H102K	C 1000PF, K, 50V	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4440	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4441,42	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4447	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4448	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4451	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4452	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4453,54	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4455	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4456	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4457,58	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4459	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4460	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4461	ECJ1XC1H820J	C 82PF, J, 50V	1	
C4462	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4464	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4465	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4466	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4467	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4470	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4474	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4475,76	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4477	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4478	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4479-81	ECJ0EB1H102K	C 1000PF, K, 50V	3	
C4482	ECJ1XC1H180J	C 18PF, J, 50V	1	
C4483	ECJ1XC1H150J	C 15PF, J, 50V	1	
C4493	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4494	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4496	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4497	EEEHB0G101R	C 100PF, J, 4V	1	
C4498	ECJ1XC1H471J	C 470PF, J, 50V	1	
C4499	EEFCD0G560ER	56UF,	1	
C4501	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4502	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4503	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4504	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4505	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4506	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4507	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4508	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4509-11	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4512	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4513	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4514	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4515,16	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4517	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4518	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4519	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4520	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4521	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4522	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4523	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4524	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4525	ECJ0EB1C103K	C0.010UF, K, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4526	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4527	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4528	F2G0J470A019	E 47UF 6.3V	1	
C4529	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4530,31	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4532,33	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4534	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4535	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4536	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4537	EEEHB0G101R	C 100PF, J, 4V	1	
C4538	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4539	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4540	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4541	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4543	F1H1C104A065	C 0.1UF, K, 16V	1	
C4544	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C5604	ECA1HHG100	E 10UF, 50V	1	
C5605	EEUFC1E471	E 470UF, 25V	1	
C5606	ECA1CM471	E 470UF, 16V	1	
C5609	ECA1HM220	E 22UF, 50V	1	
C5611	F2A1H331A257	E 330UF, 50V	1	
C5612	ECA1CM471	E 470UF, 16V	1	
C5613	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5616	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5617	ECA1CM471	E 470UF, 16V	1	
C5618,19	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C5622	ECA1CM471	E 470UF, 16V	1	
C5623	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5626	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5633	ECA1EM221	E 220UF, 25V	1	
C5637	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5641-44	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C5645	ECA1CHG470	E 47UF, 16V	1	
C5646	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C5647	ECA1CHG470	E 47UF, 16V	1	
C5648	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C5670	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5672	ECA1HHG100	E 10UF, 50V	1	
C5673	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5685	ECA1HHG100	E 10UF, 50V	1	
C5686	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C5801,02	EEUFC1E471	E 470UF, 25V	2	
C5804	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5805	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C5809	ECJ3XF1E105Z	C 1UF, Z, 25V	1	
C5810	ECA1EHG470	E 47UF, 25V	1	
C6001	F1L2J562A022	C 5600UF, K,6.3V	1	
C6011-16	F2A2T201A001	E 200UF,	6	
C6023	F1L2J562A022	C 5600UF, K,6.3V	1	
C6031	F0C2E405A176	E 0.040UF, 250V	1	
C6041-44	TCUY1C105ZFN	C 1UF, 16V	4	
C6105	F1L1E4750004	C 4.7UF, 25V	1	
C6111,12	F2A2D221A022	E 220UF, 200V	2	
C6132	F1L1E4750004	C 4.7UF, 25V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6134,35	F1L1E4750004	C 4.7UF, 25V	2	
C6151	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6152-55	F1L1E4750004	C 4.7UF, 25V	4	
C6192	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6194,95	F1L1E4750004	C 4.7UF, 25V	2	
C6201-04	F0C2E405A176	E 0.040UF, 250V	4	
C6211,12	F1L1E4750004	C 4.7UF, 25V	2	
C6213	F2A1E102A220	E 1000UF, 25V	1	
C6221	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6241	ECA1EM471	E 470UF, 25V	1	
C6242	TCUY1C105ZFN	C 1UF, 16V	1	
C6243	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6251	TCUY1C105ZFN	C 1UF, 16V	1	
C6262,63	F2A2A471A072	E 470UF, 100V	2	
C6272,73	EEUFC1E221	E 220UF, 25V	2	
C6401-03	F1L2J222A022	C 2200UF, K,6.3V	3	
C6411-16	F2A2T201A001	E 200UF,	6	
C6421-24	F1L2J222A022	C 2200UF, K,6.3V	4	
C6431	F0C2E405A176	E 0.040UF, 250V	1	
C6472	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6480	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6502	F1L1E4750004	C 4.7UF, 25V	1	
C6504,05	F1L1E4750004	C 4.7UF, 25V	2	
C6512-15	F0C2E405A176	E 0.040UF, 250V	4	
C6521	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6522	F1L1E4750004	C 4.7UF, 25V	1	
C6524,25	F1L1E4750004	C 4.7UF, 25V	2	
C6527	F1L1E4750004	C 4.7UF, 25V	1	
C6561	F2A1A1010074	E 100UF, 10V	1	
C6562	TCUY1C105ZFN	C 1UF, 16V	1	
C6563	F2A1A1010074	E 100UF, 10V	1	
C6564	TCUY1C105ZFN	C 1UF, 16V	1	
C6565,66	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C6581	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6582	TCUY1C105ZFN	C 1UF, 16V	1	
C6592	ECA1EM471	E 470UF, 25V	1	
C6593	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6601,02	F1L1E4750004	C 4.7UF, 25V	2	
C6603	F1K2J102A014	C 1000UF, K,6.3V	1	
C6604	F2A2V470A020	E 47UF, 350V	1	
C6605	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6606	F1K2J102A014	C 1000UF, K,6.3V	1	
C6610	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6611	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6612	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6620	ECJ3XB2J222K	C 2200PF, K,630V	1	
C6641	ECQE2105RKB	P 1UF, 250V	1	
C6661,62	F1K2J102A014	C 1000UF, K,6.3V	2	
C6671	F1L1E4750004	C 4.7UF, 25V	1	
C6681,82	F1L1E4750004	C 4.7UF, 25V	2	
C6683	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6691	ECA2CM101	E 100UF, 160V	1	
C6701-08	ECJ2XB1H104K	C 0.1UF, K, 50V	8	
C6721	ECA1HM101	E 100UF, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6723-25	F1L1E4750004	C 4.7UF, 25V	3	
C6726,27	TCUY1C105ZFN	C 1UF, 16V	2	
C6728	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6752	TCUY1C105ZFN	C 1UF, 16V	1	
C6753	F1L1E4750004	C 4.7UF, 25V	1	
C6754	ECA1VM470	E 47UF, 35V	1	
C6755	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6771	TCUY1C105ZFN	C 1UF, 16V	1	
C6772,73	F1L1E4750004	C 4.7UF, 25V	2	
C6775	F1L1E4750004	C 4.7UF, 25V	1	
C6776,77	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C6791	EEUFC1E221	E 220UF, 25V	1	
C6795,96	EEUFC1E221	E 220UF, 25V	2	
C6801	F2A2E470A022	E 47UF, 250V	1	
C6802	ECQE6223KF	P 0.022UF, K,400V	1	
C6803	ECKD3D221KBP	C 220PF, K, 2KV	1	
C6804	F2A2E100A022	E 10UF, 250V	1	
C6805	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6806	ECA2CM101	E 100UF, 160V	1	
C6807	ECJ2XC1H471J	C 470PF, J, 50V	1	
C6811	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6812	F1L1E4750004	C 4.7UF, 25V	1	
C6813	ECA2CM101	E 100UF, 160V	1	
C6814	ECA1VM151	E 150UF, 35V	1	
C6815	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6822	F2A2V100A019	E 10UF, 350V	1	
C6823	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6841	ECA2DHG101	E 100UF, 200V	1	
C6842	ECA2CM101	E 100UF, 160V	1	
C6845	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6861	TCUY1C105ZFN	C 1UF, 16V	1	
C6862	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6863	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6871	TCUY1C105ZFN	C 1UF, 16V	1	
C6872	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6873	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6901	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6902	TCUY1C105ZFN	C 1UF, 16V	1	
C6904	TCUY1C105ZFN	C 1UF, 16V	1	
C6906	TCUY1C105ZFN	C 1UF, 16V	1	
C6908	TCUY1C105ZFN	C 1UF, 16V	1	
C6910	TCUY1C105ZFN	C 1UF, 16V	1	
C6912	TCUY1C105ZFN	C 1UF, 16V	1	
C6914-18	ECJ2XB1H221K	C 220PF, K, 50V	5	
C6931	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6932-35	F1L2E105A013	E 0.10UF, 25V	4	
C6951	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6952	TCUY1C105ZFN	C 1UF, 16V	1	
C6955	TCUY1C105ZFN	C 1UF, 16V	1	
C6957,58	TCUY1C105ZFN	C 1UF, 16V	2	
C6961	TCUY1C105ZFN	C 1UF, 16V	1	
C6963	TCUY1C105ZFN	C 1UF, 16V	1	
C6964-68	ECJ2XB1H221K	C 220PF, K, 50V	5	
C6981	ECJ2XB1H102K	C 1000PF, K, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6982-85	F1L2E105A013	E 0.10UF, 25V	4	
C7103	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7105	TCUY1C105ZFN	C 1UF, 16V	1	
C7106	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7108	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7109	TCUY1C105ZFN	C 1UF, 16V	1	
C7112	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7114	TCUY1C105ZFN	C 1UF, 16V	1	
C7115	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7117	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7118	TCUY1C105ZFN	C 1UF, 16V	1	
C7121	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7123	TCUY1C105ZFN	C 1UF, 16V	1	
C7124	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7126	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7127,28	TCUY1C105ZFN	C 1UF, 16V	2	
C7130	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7201-03	TCUY1C105ZFN	C 1UF, 16V	3	
C7205	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7206	TCUY1C105ZFN	C 1UF, 16V	1	
C7208	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7210	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7213	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7215	TCUY1C105ZFN	C 1UF, 16V	1	
C7216	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7218	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7221,22	ECJ1XC1H101J	C 100PF, J, 50V	2	
C7225	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7226	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7228	TCUY1C105ZFN	C 1UF, 16V	1	
C7229,30	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7232	TCUY1C105ZFN	C 1UF, 16V	1	
C7233,34	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7236	TCUY1C105ZFN	C 1UF, 16V	1	
C7237,38	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7240	TCUY1C105ZFN	C 1UF, 16V	1	
C7241	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7243	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7247	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7249	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7251	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7302	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7306,07	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C7309,10	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C7311,12	TCUY1C105ZFN	C 1UF, 16V	2	
C7313-15	ECJ1XC1H101J	C 100PF, J, 50V	3	
C7316,17	TCUY1C105ZFN	C 1UF, 16V	2	
C7318	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7319	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7321	TCUY1C105ZFN	C 1UF, 16V	1	
C7322	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7331	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7333	TCUY1C105ZFN	C 1UF, 16V	1	
C7334,35	ECJ3XB2A474K	C 0.47UF, 6.3V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7337	TCUY1C105ZFN	C 1UF, 16V	1	
C7338,39	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7341	TCUY1C105ZFN	C 1UF, 16V	1	
C7342	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7403	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7405	TCUY1C105ZFN	C 1UF, 16V	1	
C7406	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7407	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7408	TCUY1C105ZFN	C 1UF, 16V	1	
C7411	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7413	TCUY1C105ZFN	C 1UF, 16V	1	
C7414	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7415	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7416	TCUY1C105ZFN	C 1UF, 16V	1	
C7419	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7421	TCUY1C105ZFN	C 1UF, 16V	1	
C7422	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7423	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7424	TCUY1C105ZFN	C 1UF, 16V	1	
C7427	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7429	TCUY1C105ZFN	C 1UF, 16V	1	
C7430	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7431	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7432,33	TCUY1C105ZFN	C 1UF, 16V	2	
C7435	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7440-43	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C7502	TCUY1C105ZFN	C 1UF, 16V	1	
C7504	TCUY1C105ZFN	C 1UF, 16V	1	
C7506	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7508	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7509	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7510	TCUY1C105ZFN	C 1UF, 16V	1	
C7511	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7513,14	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C7517	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7518	TCUY1C105ZFN	C 1UF, 16V	1	
C7521	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7523	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7524	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7525	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7527	TCUY1C105ZFN	C 1UF, 16V	1	
C7528,29	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7531	TCUY1C105ZFN	C 1UF, 16V	1	
C7532,33	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7535	TCUY1C105ZFN	C 1UF, 16V	1	
C7536	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7557	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7559	TCUY1C105ZFN	C 1UF, 16V	1	
C7560	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7562	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7564	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7566	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7603	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7605	TCUY1C105ZFN	C 1UF, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7606	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7607	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7608	TCUY1C105ZFN	C 1UF, 16V	1	
C7611	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7613	TCUY1C105ZFN	C 1UF, 16V	1	
C7614	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7615	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7616	TCUY1C105ZFN	C 1UF, 16V	1	
C7619	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7621	TCUY1C105ZFN	C 1UF, 16V	1	
C7622	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7623	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7624,25	TCUY1C105ZFN	C 1UF, 16V	2	
C7626	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7701	ECJ1XC1H330J	C 33PF, J, 50V	1	
C7702	EEEHB0G470R	C 47PF, J, 4V	1	
C7703,04	ECJ1XC1H330J	C 33PF, J, 50V	2	
C7705	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C7707	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C7708	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C7709	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C7711	ECJ1XC1H330J	C 33PF, J, 50V	1	
C7721,22	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C7751	EEVHB0G221P	E 220UF, 4V	1	
C7755	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C7756	ECJ2FB1A105K	C 1UF, K, 10V	1	
C7758	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C7760	ECJ2FB1A105K	C 1UF, K, 10V	1	
C7761-64	ECJ1XC1H330J	C 33PF, J, 50V	4	
C8001	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-50PX600B
C8002	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-50PX600B
C8003	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-50PX600B
C8004	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-50PX600B
C8005	EEEHB1C100R	C 10PF, J, 16V	1	TH-50PX600B
C8007	ECJ0EB1H102K	C 1000PF, K, 50V	1	TH-50PX600B
C8015	ECJ1VC1H080C	C 8PF, C, 50V	1	TH-50PX600B
C8019,20	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-50PX600B
C8021	ECJ0EB1H102K	C 1000PF, K, 50V	1	TH-50PX600B
C8030	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-50PX600B
C8034,35	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-50PX600B
C8037	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-50PX600B
C8039,40	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-50PX600B
C8041	EEEHB0G101R	C 100PF, J, 4V	1	TH-50PX600B
C8042,43	ECJ1VC1H100C	C 10PF, C, 50V	2	TH-50PX600B
C8046-48	ECJ0EB1C103K	C0.010UF, K, 16V	3	TH-50PX600B
C8051,52	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-50PX600B
C8055	F2G0J470A019	E 47UF 6.3V	1	TH-50PX600B
C8056	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-50PX600B
C8058-61	ECJ0EB1C103K	C0.010UF, K, 16V	4	TH-50PX600B
C8062	F1G1A1540001	C 0.15UF, K, 10V	1	TH-50PX600B PAVCCZ
C8071	ECJ0EC1H270J	C 270PF, K, 50V	1	TH-50PX600B
C8073	ECJ0EC1H270J	C 270PF, K, 50V	1	TH-50PX600B
C8098	ECGRL0G680ER	C 68PF, J, 4V	1	TH-50PX600B
C8099,00	ECJ0EB1A104K	C 0.1UF, K, 10V	2	TH-50PX600B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C8101,02	ECJ1VB0J105K	C 1UF, K, 6.3V	2	TH-50PX600B
C8103,04	ECJ0EB1A104K	C 0.1UF, K, 10V	2	TH-50PX600B
C8105	EEEHB0G101R	C 100PF, J, 4V	1	TH-50PX600B
C8106,07	ECJ1VB0J105K	C 1UF, K, 6.3V	2	TH-50PX600B
C8108	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-50PX600B
C8109	EEEHB0G101R	C 100PF, J, 4V	1	TH-50PX600B
C8110	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-50PX600B
C8121	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-50PX600B
C8128,29	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-50PX600B
C8134	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-50PX600B
C8135	ECJ0EB1A473K	C 0.047UF, K, 10V	1	TH-50PX600B
C8136	ECGRL0G680ER	C 68PF, J, 4V	1	TH-50PX600B
C8138	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-50PX600B
C8139	ECGRL0G680ER	C 68PF, J, 4V	1	TH-50PX600B
C8140	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-50PX600B
C8141	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-50PX600B
C8142	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-50PX600B
C8143	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-50PX600B
C8144	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-50PX600B
C8145	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-50PX600B
C8146	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-50PX600B
C8147	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-50PX600B
C8148	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-50PX600B
C8149	ECJ1VB0J105K	C 1UF, K, 6.3V	1	TH-50PX600B
C8150	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-50PX600B
C8151	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-50PX600B
C8154-56	ECJ0EB1A104K	C 0.1UF, K, 10V	3	TH-50PX600B
C8157	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-50PX600B
C8160	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-50PX600B
C8161-64	ECJ0EB1C103K	C0.010UF, K, 16V	4	TH-50PX600B
C8165	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-50PX600B
C8166	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-50PX600B
C8167	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-50PX600B
C8168	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-50PX600B
C8169	EEEHB0G470R	C 47PF, J, 4V	1	TH-50PX600B
C8170	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-50PX600B
C8171	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-50PX600B
C8172	EEEHB0G470R	C 47PF, J, 4V	1	TH-50PX600B
C8173-75	ECJ0EB1C103K	C0.010UF, K, 16V	3	TH-50PX600B
C8176	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-50PX600B
C8182	ECJ0EC1H121J	C 120PF, K, 50V	1	TH-50PX600B
C8186	ECJ0EC1H680J	C 680PF, K, 50V	1	TH-50PX600B
C8189	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-50PX600B
C8193	EEEHB0J101P	C 100PF, J, 6.3V	1	TH-50PX600B
C8202,03	EEEHB1C470P	C 47PF, J, 16V	2	TH-50PX600B
C8204	ECJ3XB1C106M	C 1.0UF, K, 16V	1	TH-50PX600B
C8205,06	ECJ0EB1A104K	C 0.1UF, K, 10V	2	TH-50PX600B
C8207	EEEHB1C470P	C 47PF, J, 16V	1	TH-50PX600B
C8208	ECJ3XB1C106M	C 1.0UF, K, 16V	1	TH-50PX600B
C8210	ECJ0EB1A333K	C 0.033UF, K, 10V	1	TH-50PX600B
C8212	ECJ0EB1C223K	C 0.022UF, K, 16V	1	TH-50PX600B
C8240	ECJ1VB0J105K	C 1UF, K, 6.3V	1	TH-50PX600B
C8268	ECJ1VB0J105K	C 1UF, K, 6.3V	1	TH-50PX600B
C8269	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-50PX600B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C8303	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-50PX600B
C8305,06	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-50PX600B
C8314	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-50PX600B
C8315	ECJ2FF1A475Z	C 4.7UF, Z, 10V	1	TH-50PX600B
C8317,18	ECJ2FF1A475Z	C 4.7UF, Z, 10V	2	TH-50PX600B
C8319	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-50PX600B
C8320-23	ECJ1VB0J105K	C 1UF, K, 6.3V	4	TH-50PX600B
C8327	F2G0J470A019	E 47UF 6.3V	1	TH-50PX600B
C8329	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-50PX600B
C8330,31	ECJ0EC1H181J	C 180PF, K, 50V	2	TH-50PX600B
C8332	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-50PX600B
C8334,35	ECJ0EC1H330J	C 330PF, K, 50V	2	TH-50PX600B
C8340	ECJ0EB1C682K	C 6800UF, K, 16V	1	TH-50PX600B
C8341	ECJ0EB1C822K	C 8200UF, K, 16V	1	TH-50PX600B
C8342,43	ECGRL0G680ER	C 68PF, J, 4V	2	TH-50PX600B
C8344	ECJ1VB1H332K	C 3300PF, K, 50V	1	TH-50PX600B
C8345	ECJ0EB1C153K	C 0.015UF, K, 16V	1	TH-50PX600B
C8349	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-50PX600B
C8350,51	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-50PX600B
C8361	EEEHB1C470P	C 47PF, J, 16V	1	TH-50PX600B
C8372	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-50PX600B
C8376	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-50PX600B
C8397	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-50PX600B
C8401	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-50PX600B
C8403,04	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-50PX600B
C8406	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-50PX600B
C8409	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-50PX600B
C8410	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-50PX600B
C8413,14	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-50PX600B
C8416,17	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-50PX600B
C8419	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-50PX600B
C8421	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-50PX600B
C8423	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-50PX600B
C8424	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-50PX600B
C8425	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-50PX600B
C8427	F2G1A101A019	E 100UF, 10V	1	TH-50PX600B
C8428	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-50PX600B
C8430-32	ECJ0EF1C104Z	C 0.10UF, Z, 16V	3	TH-50PX600B
C8433,34	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-50PX600B
C8467	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-50PX600B
C8501,02	ECJ0EC1H180J	C 180PF, K, 50V	2	TH-50PX600B
C8504	ECJ1VF1A105Z	C 1UF, Z, 10V	1	TH-50PX600B
C8506	ECJ2VF1C105Z	C 1UF, Z, 16V	1	TH-50PX600B
C8507	ECJ1XC1H102J	C 1000PF, J, 50V	1	TH-50PX600B
C8508	ECJ1XF1C334Z	C 0.33UF, Z, 16V	1	TH-50PX600B
C8509	EEEHB0J101P	C 100PF, J, 6.3V	1	TH-50PX600B
C8870	ECJ1XC1H471J	C 470PF, J, 50V	1	TH-50PX600B
C8872	ECJ2FB0J225K	C 2.2UF, Z, 16V	1	TH-50PX600B
C8910	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-50PX600B
C9028,29	F1J0J1060004	C 0.010UF, K, 16V	2	
C9033,34	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9035,36	F1J0J1060004	C 0.010UF, K, 16V	2	
C9037	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C9039	F1J0J1060004	C 0.010UF, K, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9040	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9044-53	ECJ1XF1C104Z	C 0.1UF, Z, 16V	10	
C9055-57	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9058	F1J0J1060004	C 0.010UF, K, 16V	1	
C9300-25	ECJ1XB1C104K	C 0.1UF, Z, 16V	26	
C9327-51	ECJ1XB1C104K	C 0.1UF, Z, 16V	25	
C9352	EEFCD0G560ER	56UF,	1	
C9355-59	ECJ1XB1C104K	C 0.1UF, Z, 16V	5	
C9360-64	ECJ3XB0J106M	C 10UF, M,6.3V	5	
C9365	EEFCD0G560ER	56UF,	1	
C9366,67	ECJ1VF1H103Z	C 0.010UF, Z, 50V	2	
C9368	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9442-70	ECJ1XB1C104K	C 0.1UF, Z, 16V	29	
C9472-96	ECJ1XB1C104K	C 0.1UF, Z, 16V	25	
C9497	EEFCD0G560ER	56UF,	1	
C9512,13	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9514,15	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C9516-25	ECJ1XB1C104K	C 0.1UF, Z, 16V	10	
C9526	F1J0J1060004	C 0.010UF, K, 16V	1	
C9527-30	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C9531	F1J0J1060004	C 0.010UF, K, 16V	1	
C9532	ECJ1XC1H101K	C 100PF, K, 50V	1	
C9533	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9534-38	ECJ3XB0J106M	C 10UF, M,6.3V	5	
C9539	EEFCD0G560ER	56UF,	1	
C9540,41	ECJ1VF1H103Z	C 0.010UF, Z, 50V	2	
C9542	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9546,47	ECJ1VC1H120J	C 12PF, J, 50V	2	
C9548	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9552	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9554	F1J0J1060004	C 0.010UF, K, 16V	1	
C9557	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C9601	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9608	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9800	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9801	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C9802	ECJ1XC1H470J	C 47PF, J, 50V	1	
C9803	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C9804	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9805	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C9806	ECGRL0G680ER	C 68PF, J, 4V	1	
C9807,08	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C9809	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9815,16	ECGRL0G680ER	C 68PF, J, 4V	2	
C9817,18	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C9822	F1J0J1060004	C 0.010UF, K, 16V	1	
C9823,24	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C9825	ECJ1XC1H101K	C 100PF, K, 50V	1	
C9826	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9827	F1J0J1060004	C 0.010UF, K, 16V	1	
C9830-32	ECJ3XB1C106M	C 1.0UF, K, 16V	3	
C9833	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C9837	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C9838	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9840	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9841,42	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C9843	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9844	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9845,46	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9847,48	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C9880,81	ECJ1XB1H102K	C 1000UF, Z, 50V	2	
C9882	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9883	ECJ1VB1H822K	C 8200PF, K, 50V	1	
C9884	ECJ1VC1H100C	C 10PF, C, 50V	1	
C9885	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9886	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9887	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C9891	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9896	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9897	ECJ1VB1H822K	C 8200PF, K, 50V	1	
C9898	ECJ1VC1H100C	C 10PF, C, 50V	1	
C9899	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9926	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9967	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C9971	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
CA1-11	K1MN68BA0002	68P CONNECTOR	11	
CB1-11	K1MN68BA0002	68P CONNECTOR	11	
D3	K1KY40B00003	40P CONNECTOR	1	
D5	K1KB31BA0064	31P CONNECTOR	1	
D6	K1KA21A00011	21P CONNECTOR	1	
D20	K1KA20BA0296	20P CONNECTOR	1	
D25	K1KA20AA0009	20P CONNECTOR	1	
D31	K1MN80BA0076	80P CONNECTOR	1	
D32	K1MN55BA0076	55P CONNECTOR	1	
D33	K1MN68BA0076	68P CONNECTOR	1	
D34	K1MN80BA0076	80P CONNECTOR	1	
D1106,07	MA729	DIODE	2	
D1117	MA3036L	ZENER DIODE	1	
D1119	MA704A	DIODE	1	
D1121	MA729	DIODE	1	
D2011-14	MA111	DIODE	4	
D2119	B0BC01100001	ZENER DIODE	1	
D2300,01	MA111	DIODE	2	
D2303,04	MA111	DIODE	2	
D2308	MA152	DIODE	1	
D2309	MA111	DIODE	1	
D2510,11	MA8056-M	ZENER DIODE	2	
D2512	MA8043LTX	ZENER DIODE	1	
D2520B	LN1271RALTR	LED	1	
D2524	MA8056-M	ZENER DIODE	1	
D2525B	LN1471YTR	LED	1	TH-50PX600B
D2526	MA8056-M	ZENER DIODE	1	TH-50PX600B
D3002-12	MA8140M	ZENER DIODE	11	
D3015,16	MA8140M	ZENER DIODE	2	
D3021-23	MA111	DIODE	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D3024	B0BC01100001	ZENER DIODE	1	
D3025	MA8140M	ZENER DIODE	1	
D3027,28	MA8140M	ZENER DIODE	2	
D3030-32	MA8140M	ZENER DIODE	3	
D3038-43	MA8140M	ZENER DIODE	6	
D3044	MA111	DIODE	1	
D3100	MA8140M	ZENER DIODE	1	
D3334-39	MA111	DIODE	6	
D3702	MA8140M	ZENER DIODE	1	
D4019-38	EZJZ0V80008B	VARISTOR	20	
D4041	EZJZ0V80008B	VARISTOR	1	
D4044,45	EZJZ0V80008B	VARISTOR	2	
D4047,48	MA3056M	ZENER DIODE	2	
D4049-52	B0HCMM000014	DIODE	4	
D5606	B0BC01100001	ZENER DIODE	1	
D5607	B0BC6R600005	ZENER DIODE	1	
D5610	B0BC4R700007	ZENER DIODE	1	(PA)
D5610	MA3X78900L	ZENER DIODE	1	(H)
D5612	B0BC3R700006	ZENER DIODE	1	
D5618	B0BC03900015	ZENER DIODE	1	
D5634	MA111	DIODE	1	
D5635	MA3047H	ZENER DIODE	1	
D5637,38	MA152	DIODE	2	
D5639	MA3047H	ZENER DIODE	1	
D5640	MA3039H	ZENER DIODE	1	
D5641	MA152	DIODE	1	
D5642	MA3120M	ZENER DIODE	1	
D5643	MA152	DIODE	1	
D5644	MA3068M	ZENER DIODE	1	
D5646,47	MA152	DIODE	2	
D5649	MA111	DIODE	1	
D5801	B0JCME000037	DIODE	1	
D5804	MA3120M	ZENER DIODE	1	
D5805,06	MA152	DIODE	2	
D5807	MA111	DIODE	1	
D6001	B0HBSN000008	DIODE	1	
D6021,22	B0HBSN000008	DIODE	2	
D6032	MA111	DIODE	1	
D6041	B0ECHP000003	DIODE	1	
D6051	B0ECHP000003	DIODE	1	
D6061,62	B0HBSN000008	DIODE	2	
D6071,72	B0HBSN000008	DIODE	2	
D6081,82	B0HBSN000008	DIODE	2	
D6091	B0HBSN000008	DIODE	1	
D6092	B0ECHP000003	DIODE	1	
D6101-04	B0JCME000037	DIODE	4	
D6105	MA111	DIODE	1	
D6131,32	B0ECHP000003	DIODE	2	
D6151-54	B0ECHP000003	DIODE	4	
D6191-93	B0ECHP000003	DIODE	3	
D6211	B0JCME000037	DIODE	1	
D6212	B0ECHP000003	DIODE	1	
D6221	B0ECHP000003	DIODE	1	
D6222,23	MA111	DIODE	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6251,52	MA8330M	ZENER DIODE	2	
D6253	LNJ301MPUJA	LED	1	
D6254	MA8051L	ZENER DIODE	1	
D6255	MA111	DIODE	1	
D6401	B0HBSN000008	DIODE	1	
D6404	B0HBSN000008	DIODE	1	
D6431,32	B0HBSP000019	DIODE	2	
D6441	B0ECHP000003	DIODE	1	
D6451	B0ECHP000003	DIODE	1	
D6461,62	B0HBSN000008	DIODE	2	
D6466	MA111	DIODE	1	
D6471	B0HBSN000008	DIODE	1	
D6472	B0ECHP000003	DIODE	1	
D6477	MA111	DIODE	1	
D6478	B0HCKS000002	DIODE	1	
D6480	MA111	DIODE	1	
D6481,82	B0HBSN000008	DIODE	2	
D6491	B0HBSP000019	DIODE	1	
D6497	MA111	DIODE	1	
D6501,02	B0ECHP000003	DIODE	2	
D6521-24	B0ECHP000003	DIODE	4	
D6581,82	MA8330M	ZENER DIODE	2	
D6583	LNJ301MPUJA	LED	1	
D6584	MA8051L	ZENER DIODE	1	
D6585	MA111	DIODE	1	
D6601	MA8240M	ZENER DIODE	1	
D6602	B0ECHP000003	DIODE	1	
D6603	MA8240M	ZENER DIODE	1	
D6604	MA111	DIODE	1	
D6605	MA8051L	ZENER DIODE	1	
D6606	B0HCMM000014	DIODE	1	
D6607	MA111	DIODE	1	
D6610	MAZ81500ML	ZENER DIODE	1	
D6611-14	MA111	DIODE	4	
D6619,20	B0HCKS000002	DIODE	2	
D6621-24	B0HDSM000005	DIODE	4	
D6641,42	B0HCKS000002	DIODE	2	
D6643	MA111	DIODE	1	
D6644	B0HCKS000002	DIODE	1	
D6661	MA111	DIODE	1	
D6662-64	MA8330M	ZENER DIODE	3	
D6665	MA8051L	ZENER DIODE	1	
D6666,67	MA111	DIODE	2	
D6671	MA111	DIODE	1	
D6682	B0HCMM000014	DIODE	1	
D6683,84	MA111	DIODE	2	
D6686,87	MA111	DIODE	2	
D6701,02	MA8056H	ZENER DIODE	2	
D6721	B0HCKS000002	DIODE	1	
D6723,24	B0JCME000037	DIODE	2	
D6725	B0ECHP000003	DIODE	1	
D6726-33	MA8056H	ZENER DIODE	8	
D6734	MA111	DIODE	1	
D6752	B0JCME000037	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6758	B0ECHP000003	DIODE	1	
D6760,61	MA111	DIODE	2	
D6771	B0JCME000037	DIODE	1	
D6773	B0HCKS000002	DIODE	1	
D6791	MA8200M	ZENER DIODE	1	
D6802	B0BC01000044	ZENER DIODE	1	
D6803	B0HCKS000002	DIODE	1	
D6804	B0ECHP000003	DIODE	1	
D6805	MA111	DIODE	1	
D6806	B0ECHP000003	DIODE	1	
D6807-10	B0HCMM000014	DIODE	4	
D6820-23	MA111	DIODE	4	
D6825	MA8330M	ZENER DIODE	1	
D6826	MA111	DIODE	1	
D6841	B0HCKS000002	DIODE	1	
D6842,43	MA111	DIODE	2	
D6859	B0ECHP000003	DIODE	1	
D6860	B0HCKS000002	DIODE	1	
D6861	MA8051L	ZENER DIODE	1	
D6862	MA111	DIODE	1	
D6871	MA8051L	ZENER DIODE	1	
D6872	MA111	DIODE	1	
D6901,02	MA8056H	ZENER DIODE	2	
D6903,04	B0ECHP000003	DIODE	2	
D6951,52	MA8056H	ZENER DIODE	2	
D6953,54	B0ECHP000003	DIODE	2	
D7752	B3AEB0000065	DIODE	1	
D8002	MA728	DIODE	1	TH-50PX600B
D8203,04	B0JCPE000004	DIODE	2	TH-50PX600B
D8501	B0CCAB000039	DIODE	1	TH-50PX600B
D9017-19	MA3033	ZENER DIODE	3	
D9020	MA728	DIODE	1	
D9035	MA728	DIODE	1	
D9100-03	B0JCGD000002	DIODE	4	
D9105,06	B0JCGD000002	DIODE	2	
D9110	B0JCGD000002	DIODE	1	
D9300,01	MA152K	DIODE	2	
D9400,01	MA152K	DIODE	2	
D9800	B0JCME000037	DIODE	1	
D9801	B0JCDD000002	DIODE	1	
D9802	MA728	DIODE	1	
D9804	MA152K	DIODE	1	
D9807,08	MA152K	DIODE	2	
D9812	B0JCME000037	DIODE	1	
D9813	B0JCDD000002	DIODE	1	
D9814	B0JCME000037	DIODE	1	
D9815	B0JCDD000002	DIODE	1	
DG1	K1KY80A00011	80P CONNECTOR	1	
DG2	K1KA15B00074	15P CONNECTOR	1	
DG3	K1KY40B00003	40P CONNECTOR	1	
DG5	K1KB21BA0063	21P CONNECTOR	1	
DG7	K1KA20B00155	20P CONNECTOR	1	
DG8,DG9	K1FY119D0001	CONNECTOR	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
DG15	K1KY40B00003	40P CONNECTOR	1	
DG20	K1MN40B00045	40P CONNECTOR	1	
DG22	K1KBB0A00009	CONNECTOR	1	TH-50PX600B
DG35	K1KA07BA0047	7P CONNECTOR	1	
FL3301,02	J0HABB000003	LC FILTER	2	
FL3303-05	J0HABB000004	LC FILTER	3	
FL4010,11	J0HABH000012	LC FILTER	2	TH-50PX600B
FL4015	J0HABH000012	LC FILTER	1	TH-50PX600B
FL7201	J0HABH000013	LC FILTER	1	
FL7301	J0HABH000013	LC FILTER	1	
FL7501	J0HABH000013	LC FILTER	1	
FL9300	F1J1E1040022	LC FILTER	1	
FL9301	J0HABH000013	LC FILTER	1	
FL9302-04	F1J1E1040022	LC FILTER	3	
FL9305,06	J0HABH000013	LC FILTER	2	
FL9400,01	J0HABH000013	LC FILTER	2	
FL9402-04	F1J1E1040022	LC FILTER	3	
FL9501,02	J0HABH000013	LC FILTER	2	
FL9800,01	J0HABH000013	LC FILTER	2	
FL9803,04	J0HABH000012	LC FILTER	2	
FL9805-07	J0HABH000013	LC FILTER	3	
G1	K1KA12A00317	12P CONNECTOR	1	
G3	K1KA03BA0047	3P CONNECTOR	1	
G51	K1KA30AA0009	30P CONNECTOR	1	
GK3	K1KA03BA0061	3P CONNECTOR	1	
GS12	K1MN40A00025	40P CONNECTOR	1	
GS52	K1KA20AA0009	20P CONNECTOR	1	
H1	K1KY80A00011	80P CONNECTOR	1	
H2	K1KA15A00148	15P CONNECTOR	1	
H5	K1KA15AA0288	15P CONNECTOR	1	
H6	K1KA09A00230	9P CONNECTOR	1	
H15	K1KA04AA0150	4P CONNECTOR	1	
H40	K1KA20AA0009	20P CONNECTOR	1	
H51	K1KA30AA0009	30P CONNECTOR	1	
H52	K1KA20AA0009	20P CONNECTOR	1	
HC01	K1KA21A00011	21P CONNECTOR	1	
HC12	K1KA09AA0190	9P CONNECTOR	1	
HC15	K1KY40B00003	40P CONNECTOR	1	
HC21	K1KA08AA0193	8P CONNECTOR	1	
HC22	K1KA11AA0194	11P CONNECTOR	1	
IC1100	C3ABPG000145	IC	1	
IC1101	C3FBMD000223	IC	1	PAVCCZ
IC1102	TVRN757	IC	1	PAVCCZ
IC1103	MN103SB20RGL	IC	1	
IC1105,06	C0JBAS000128	IC	2	TH-50PX600B
IC1107	C0JBAS000128	IC	1	
IC1110	C0CBCAD00016	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC1111	C0EBY0000041	IC	1	
IC2103	AN77L08M	IC	1	
IC2104	C0ABBA000168	IC	1	
IC2105	AN15862A-VT	IC	1	
IC2106	C1AB00002469	IC	1	
IC2109	C1BB00000947	IC	1	
IC2110	AN7705SP	IC	1	
IC2300,01	C0ABBA000168	IC	2	
IC2302	C1AB00002451	IC	1	
IC2303	C1AB00002452	IC	1	
IC2304-07	C0ABBA000168	IC	4	
IC2511	B3L000000020	IC	1	
IC3005	AN15867A-VT	IC	1	
IC3301	C0JBAZ002205	IC	1	
IC4013	C0CBCBF00009	IC	1	
IC4014	C0CBCAC00282	IC	1	
IC4016	C0CBCAC00275	IC	1	
IC4017	C0CBCAC00282	IC	1	
IC4018	C0CBCAC00275	IC	1	
IC4019	C1AB00002456	IC	1	
IC4020	C1AB00002202	IC	1	
IC4022	TVRN916	IC	1	
IC4023	TVRN917	IC	1	
IC4025	C0FBBK000038	IC	1	
IC4026	C1AB00002535	IC	1	
IC4027	C0DBFFD00003	IC	1	
IC4028	C0ABBB000230	IC	1	
IC4029	C0CBCAC00282	IC	1	
IC4030	C0CBCBC00190	IC	1	
IC4032	C0DBGYY00052	IC	1	
IC4035	C0CBCAF00031	IC	1	
IC4036	C0JBAP000020	IC	1	
IC4037	MN84522-A	IC	1	
IC4038	C3ABQJ000048	IC	1	
IC4040	C0CBCAC00282	IC	1	
IC5601	N0BG2DE00001	IC	1	
IC5602	EHMDD9851	LINEAR IC	1	
IC5603	C0DBAJB00004	IC	1	
IC5604	C0DBZGC00067	IC	1	
IC5801	C0DBAZF00003	IC	1	
IC6131	C0ZBZ0000895	IC	1	
IC6151	C0ZBZ0001324	IC	1	
IC6191	C0ZBZ0000895	IC	1	
IC6211	C0ZBZ0001325	IC	1	
IC6221	AN1431M	LINEAR IC	1	
IC6241	C0JBAZ000005	IC	1	
IC6251	NJM2903M	INTEGRATED CIRCUIT	1	
IC6471	C0DBEKA00003	IC	1	
IC6472	C0JBAA000377	IC	1	
IC6501	C0ZBZ0000895	IC	1	
IC6521	C0ZBZ0001324	IC	1	
IC6561,62	C0JBAZ000005	IC	2	
IC6581	NJM2903M	INTEGRATED CIRCUIT	1	
IC6601	C0ZBZ0001325	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC6602	C0JBAB000715	IC	1	
IC6610	NJM2903M	INTEGRATED CIRCUIT	1	
IC6671	C0ZBZ0001325	IC	1	
IC6681	C0ZBZ0001325	IC	1	
IC6682	C0JBAA000377	IC	1	
IC6721,22	C0JBAZ000994	IC	2	
IC6724,25	C0CBADC00089	IC	2	
IC6751	C0CBADC00089	IC	1	
IC6752	C0ZBZ0001325	IC	1	
IC6753	C0JBAB000715	IC	1	
IC6771	C0CBADC00089	IC	1	
IC6772	C0ZBZ0001325	IC	1	
IC6773,74	C0JBAA000377	IC	2	
IC6791	N0BF1FB00001	IC	1	
IC6801,02	C0DBEMB00005	IC	2	
IC6803	C0DAAMH00005	IC	1	
IC6821	C0DBEMB00005	IC	1	
IC6841	C0DBEMB00005	IC	1	
IC6861	NJM2903M	INTEGRATED CIRCUIT	1	
IC6871	NJM2903M	INTEGRATED CIRCUIT	1	
IC6901-06	AN16071A-VT	IC	6	
IC6951-56	AN16071A-VT	IC	6	
IC7101	C0JBAZ001120	IC	1	
IC7201-09	C0JBAZ001120	IC	9	
IC7301-05	C0JBAZ001120	IC	5	
IC7401-05	C0JBAZ001120	IC	5	
IC7501-09	C0JBAZ001120	IC	9	
IC7601	C0JBAZ001120	IC	1	
IC7751	C0JBAZ000851	IC	1	
IC8003	STV0360CT	IC	1	TH-50PX600B PAVCCZ
IC8009	C3ABQG000095	IC	1	TH-50PX600B PAVCCZ
IC8013	MN2WS0025BEA	IC	1	TH-50PX600B PAVCCZ
IC8019	TVRN789	IC	1	TH-50PX600B PAVCCZ
IC8023,24	C0DBAMH00018	IC	2	TH-50PX600B
IC8029	C0FBBK000038	IC	1	TH-50PX600B
IC8031	BA15218FDX	IC	1	TH-50PX600B
IC8034	C0DBEHG00006	IC	1	TH-50PX600B PAVCCZ
IC8042	C0EBM0000026	IC	1	TH-50PX600B
IC8213	C0JBAZ001137	IC	1	TH-50PX600B
IC8402	74LVC4245AD	IC	1	TH-50PX600B PAVCCZ
IC8404	C0JBAZ002691	IC	1	TH-50PX600B PAVCCZ
IC8405	C0ZBZ0001333	IC	1	TH-50PX600B PAVCCZ
IC8408-11	C0JBAZ002691	IC	4	TH-50PX600B PAVCCZ
IC8412	C0JBAZ001137	IC	1	TH-50PX600B
IC8501	74VHCU04MXNL	IC	1	TH-50PX600B PAVCCZ
IC8864	C0DBFFD00003	IC	1	TH-50PX600B
IC9001	TVRN811	IC	1	
IC9002	C0ZBZ0001330	IC	1	
IC9003	TVRN805-1	IC	1	
IC9007	TVRN814	IC	1	
IC9011	C0EBF0000431	IC	1	
IC9200	C1ZBZ0003186	IC	1	
IC9300	MN84521-A	IC	1	
IC9301	C3ABQJ000051	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC9304	TVRN825	IC	1	
IC9400	MN84521-A	IC	1	
IC9401	C3ABQJ000051	IC	1	
IC9402	C0JBAZ002614	IC	1	
IC9500	C1ZBZ0002599	IC	1	
IC9503-05	C0JBAZ001120	IC	3	
IC9602	PST9128NR	IC (LOGIC)	1	
IC9800	C0DBAYY00054	IC	1	
IC9801	C0DBZFG00066	IC	1	
IC9802,03	C0JBAZ001120	IC	2	
IC9806	C0DBAHD00011	IC	1	
IC9807	C0DBAYY00054	IC	1	
IC9809	C0DBAYY00054	IC	1	
JK2002,03	K4BK03A00002	AV TERMENAL	2	
JK3001	K1FB315A0005	JACK	1	
JK3002-04	K1FB121A0010	CONNECTOR	3	PAVCCZ
JK3005	K2HA307A0007	JACK	1	PAVCCZ
JK3701	K4AK23B00001	TERMINAL BOARD	1	PAVCCZ
JK7701	K1NA09E00080	9P CONNECTOR	1	
JK8401	K1NA68B00042	68P CONNECTOR	1	TH-50PX600B PAVCCZ
JS001	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-50PX600B
JS012	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-50PX600B
JS1100-02	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
JS1109	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS1117	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS2021,22	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2026	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2031-33	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS2108,09	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2123,24	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2300-03	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS2318,19	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS2331	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3005	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3007-20	ERJ6GEY0R00	M 0 OHM, 1/10W	14	
JS3023	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3037-39	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS3201	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3206	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3215	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3220,21	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3230	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3237-39	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS3252	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3255	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3256,57	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3302-04	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS3307-12	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
JS3352	J0JCC0000241	CHIP INDUCTOR	1	
JS3354-59	J0JCC0000241	CHIP INDUCTOR	6	
JS3362,63	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3402,03	ERJ3GEY0R00	M 0 OHM, 1/16W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
JS3404,05	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3704,05	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3707,08	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3711-14	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS3715	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4013-17	ERJ2GE0R00	M 0.0 OHM, J,0.063W	5	
JS4020-24	ERJ2GE0R00	M 0.0 OHM, J,0.063W	5	
JS4025,26	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
JS4027,28	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
JS4029	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
JS4033-40	ERJ2GE0R00	M 0.0 OHM, J,0.063W	8	
JS4042,43	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-50PX600B
JS4046	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-50PV600E
JS4047,48	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-50PX600B
JS4069	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
JS4075	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-50PX600B
JS4077	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-50PX600B
JS4079	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-50PX600B
JS4093	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-50PV600E
JS4099	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS4103	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-50PV600E
JS4104	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS4111-13	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS5603	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS7702	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS7711	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS7721-23	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
K1	K1KY12B00001	12P CONNECTOR	1	
L008	J0JCC0000241	CHIP INDUCTOR	1	
L012	J0JCC0000241	CHIP INDUCTOR	1	
L017	J0JCC0000241	CHIP INDUCTOR	1	
L018	J0JGC0000021	CHIP INDUCTOR COIL	1	
L019	J0JCC0000241	CHIP INDUCTOR	1	TH-50PV600E
L020	J0JGC0000021	CHIP INDUCTOR COIL	1	
L021	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L1101-04	J0JHC0000078	CHIP INDUCTOR	4	
L1109	J0JHC0000078	CHIP INDUCTOR	1	
L2001,02	J0JCC0000364	CHIP INDUCTOR	2	
L2003-16	TSK1032	BEAD CHOKE	14	
L2107	TSK1032	BEAD CHOKE	1	
L2108	J0JCC0000241	CHIP INDUCTOR	1	
L2109,10	TSK1032	BEAD CHOKE	2	
L2111,12	J0JCC0000241	CHIP INDUCTOR	2	
L2115	J0JCC0000241	CHIP INDUCTOR	1	
L2117	ELESE6R8KA	PEAKING COIL	1	
L2118	EXCELDR35C	BEAD CHOKE	1	
L2123	J0JCC0000241	CHIP INDUCTOR	1	
L2178,79	J0JCC0000241	CHIP INDUCTOR	2	
L2182-87	J0JCC0000241	CHIP INDUCTOR	6	
L2204	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L2205,06	J0JCC0000241	CHIP INDUCTOR	2	
L2300-07	G0C330MA0049	PEAKING COIL	8	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L2308	TALL08N3R9MA	INDUCTION COIL	1	
L3000	G0C101K00023	PEAKING COIL	1	
L3001-03	TSK1032	BEAD CHOKE	3	
L3009	TSK1032	BEAD CHOKE	1	
L3026	TSK1032	BEAD CHOKE	1	
L3202	J0JCC0000241	CHIP INDUCTOR	1	
L3205	J0JCC0000241	CHIP INDUCTOR	1	
L3700,01	J0JCC0000364	CHIP INDUCTOR	2	
L3707,08	TSK1032	BEAD CHOKE	2	
L4021	J0JHC0000078	CHIP INDUCTOR	1	
L4023	J0JHC0000078	CHIP INDUCTOR	1	
L4027	J0JBC0000080	EMI FILTER	1	
L4028,29	J0JHC0000078	CHIP INDUCTOR	2	
L4031,32	J0JHC0000078	CHIP INDUCTOR	2	
L4033	TALC168T100K	CHIP INDUCTOR COIL	1	
L4034	J0JCC0000077	CHIP INDUCTOR	1	
L4037	J0JCC0000077	CHIP INDUCTOR	1	
L4038	J0JHC0000078	CHIP INDUCTOR	1	
L4040-46	J0JHC0000078	CHIP INDUCTOR	7	
L4048	J0JHC0000078	CHIP INDUCTOR	1	
L4049	J0JBC0000080	CHIP INDUCTOR	1	
L4050,51	J0JHC0000078	CHIP INDUCTOR	2	
L4052	J0JCC0000077	CHIP INDUCTOR	1	
L4053-55	J0JHC0000078	CHIP INDUCTOR	3	
L4056,57	J0JCC0000077	CHIP INDUCTOR	2	
L4060,61	J0JCC0000077	CHIP INDUCTOR	2	
L4065,66	J0JHC0000078	CHIP INDUCTOR	2	
L4068-70	J0JHC0000078	CHIP INDUCTOR	3	
L4071	J0JBC0000080	CHIP INDUCTOR	1	
L4073	J0JHC0000078	CHIP INDUCTOR	1	
L4075,76	J0JHC0000078	CHIP INDUCTOR	2	
L4077	J0JCC0000077	CHIP INDUCTOR	1	
L4078	J0JHC0000078	CHIP INDUCTOR	1	
L5602	TALL08N2R7MA	INDUCTION COIL	1	
L5604	TALL08N2R7MA	INDUCTION COIL	1	
L5605	G0A2R7ZA0021	CHOKE COIL	1	
L5606,07	G0A220GA0002	CHOKE COIL	2	
L5608	G1C100MA0072	INDUCTION COIL	1	
L5609	G0A220GA0002	CHOKE COIL	1	
L5610	G1C470MA0077	INDUCTION COIL	1	
L5612	TALL08N2R7MA	INDUCTION COIL	1	
L5615	TALL08N150KA	INDUCTION COIL	1	
L5621	G1C330MA0234	INDUCTION COIL	1	
L5622,23	G1C150MA0234	INDUCTION COIL	2	
L5624	G1C330MA0234	INDUCTION COIL	1	
L5651	G0A220GA0002	CHOKE COIL	1	
L5801	G0C101K00023	PEAKING COIL	1	
L5802	TALL08N101KA	INDUCTION COIL	1	
L6002-04	G0CR82KA0147	CHOKE COIL	3	
L6011-14	G0A1R4MA0003	CHOKE COIL	4	
L6061-68	G0ZZ00002183	PEAKING COIL	8	
L6081-88	G0ZZ00002183	PEAKING COIL	8	
L6101,02	J0JJC0000011	CHIP INDUCTOR	2	
L6103	G0ZZ00002183	PEAKING COIL	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L6104,05	J0JJC0000011	CHIP INDUCTOR	2	
L6211,12	J0JJC0000011	CHIP INDUCTOR	2	
L6221	G0ZZ00002183	PEAKING COIL	1	
L6241	G0ZZ00002183	PEAKING COIL	1	
L6262	G0ZZ00002183	PEAKING COIL	1	
L6271,72	G0ZZ00002183	PEAKING COIL	2	
L6398,99	J0JJC0000011	CHIP INDUCTOR	2	
L6401,02	G0CR82KA0147	CHOKE COIL	2	
L6404	G0CR82KA0147	CHOKE COIL	1	
L6411-14	G0A1R4MA0003	CHOKE COIL	4	
L6461-68	G0ZZ00002183	PEAKING COIL	8	
L6472,73	G0ZZ00002183	PEAKING COIL	2	
L6481-88	G0ZZ00002183	PEAKING COIL	8	
L6591,92	G0ZZ00002183	PEAKING COIL	2	
L6601,02	G0ZZ00002183	PEAKING COIL	2	
L6801,02	J0JJC0000011	CHIP INDUCTOR	2	
L6841	J0JJC0000011	CHIP INDUCTOR	1	
L8004	J0JHC0000045	CHIP INDUCTOR	1	TH-50PX600B
L8008	J0JHC0000045	CHIP INDUCTOR	1	TH-50PX600B
L8026	J0JHC0000035	CHIP INDUCTOR	1	TH-50PX600B
L8031-33	J0JHC0000045	CHIP INDUCTOR	3	TH-50PX600B
L8037	J0JCC0000078	CHIP INDUCTOR	1	TH-50PX600B
L8038	J0JHC0000045	CHIP INDUCTOR	1	TH-50PX600B
L8042	J0JHC0000045	CHIP INDUCTOR	1	TH-50PX600B
L8046	ELJPA1R0MFB	INDUCTION COIL	1	TH-50PX600B
L8047	G1C680MA0173	INDUCTION COIL	1	TH-50PX600B PAVCCZ
L8048	G1C330MA0173	INDUCTION COIL	1	TH-50PX600B PAVCCZ
L8049	J0JHC0000045	CHIP INDUCTOR	1	TH-50PX600B
L8051	J0JCC0000241	CHIP INDUCTOR	1	TH-50PX600B
L8055	G1C100MA0077	INDUCTION COIL	1	TH-50PX600B
L8059	J0JHC0000045	CHIP INDUCTOR	1	TH-50PX600B
L8106	ELJFA2R7JBB	CHIP INDUCTOR	1	TH-50PX600B PAVCCZ
L8145	J0JHC0000045	CHIP INDUCTOR	1	TH-50PX600B
L8501	ELJNA2R7JFB	CHIP INDUCTOR	1	TH-50PX600B
L9501,02	J0JHC0000078	CHIP INDUCTOR	2	
L9503	G1C150KA0038	INDUCTION COIL	1	
L9800	G1C3R0MA0248	INDUCTION COIL	1	
L9801,02	G1C2R2MA0241	INDUCTION COIL	2	
L9810	J0JHC0000045	CHIP INDUCTOR	1	
PA1	K1KA04AA0192	4P CONNECTOR	1	
PA2	K1KA05AA0192	5P CONNECTOR	1	
PA5	K1KA11AA0194	11P CONNECTOR	1	
PA10	K1KA06A00452	6P CONNECTOR	1	
PA20	K1MN40A00024	40P CONNECTOR	1	
PA31-34	K1KA03AA0192	3P CONNECTOR	4	
PA40	K1KA20AA0009	20P CONNECTOR	1	
PA1101	K5H8012A0023	FUSE	1	
PA2100	K5H1622A0023	FUSE	1	
PA3100	K5H1622A0023	FUSE	1	
PA3104	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
PA7751	K5H1622A0023	FUSE	1	
PA9800	K5H4022A0023	FUSE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
PC6480	B3PBA0000223	IC	1	
PC6701-03	B3PBA0000233	IC	3	
PC6704	B3PBA0000234	IC	1	
PC6705	B3PBA0000233	IC	1	
PC6760	B3PBA0000223	IC	1	
PC6801	B3PBA0000223	IC	1	
PC6861	B3PBA0000223	IC	1	
PC6871	B3PBA0000223	IC	1	
Q002	2SA207700L	TRANSISTOR	1	
Q1100-03	2SC584500L	TRANSISTOR	4	
Q1106,07	2SC584500L	TRANSISTOR	2	TH-50PX600B
Q1108	2SC584500L	TRANSISTOR	1	
Q1109,10	B1CBHD000002	FET	2	
Q1111	2SC584500L	TRANSISTOR	1	
Q1113-18	2SC584500L	TRANSISTOR	6	
Q1120-22	2SC584500L	TRANSISTOR	3	
Q1130	2SC584500L	TRANSISTOR	1	
Q1131	B1ABDF000034	# B1ABCF000138,2SC584500	1	
Q1134	2SC584500L	TRANSISTOR	1	
Q1135	B1ABDF000034	# B1ABCF000138,2SC584500	1	
Q1137-43	2SC584500L	TRANSISTOR	7	
Q2001-04	2SC584500L	TRANSISTOR	4	
Q2006,07	2SC584500L	TRANSISTOR	2	
Q2009,10	2SC584500L	TRANSISTOR	2	
Q2011	2SA207700L	TRANSISTOR	1	
Q2012	2SC584500L	TRANSISTOR	1	
Q2013	2SA207700L	TRANSISTOR	1	
Q2102-05	2SA207700L	TRANSISTOR	4	
Q2106	2SC584500L	TRANSISTOR	1	
Q2108	2SC584500L	TRANSISTOR	1	
Q2113,14	2SC584500L	TRANSISTOR	2	
Q2300	2SA207700L	TRANSISTOR	1	(H)
Q2300	2SC584500L	TRANSISTOR	1	(PA)
Q2301	2SD601A	TRANSISTOR	1	(PA)
Q2301	2SD601A	TRANSISTOR	1	(H)
Q2302	2SC584500L	TRANSISTOR	1	
Q2305	2SD601A	TRANSISTOR	1	
Q2306-09	2SA207700L	TRANSISTOR	4	
Q2314-17	2SC584500L	TRANSISTOR	4	
Q2510,11	2SD601A	TRANSISTOR	2	
Q2518	2SD601A	TRANSISTOR	1	TH-50PX600B
Q3001	2SC584500L	TRANSISTOR	1	
Q3005	2SC584500L	TRANSISTOR	1	
Q3008	2SA207700L	TRANSISTOR	1	
Q3011	2SA207700L	TRANSISTOR	1	
Q3014,15	2SA207700L	TRANSISTOR	2	
Q3016	2SC584500L	TRANSISTOR	1	
Q3017	2SA207700L	TRANSISTOR	1	
Q3019-24	2SC584500L	TRANSISTOR	6	
Q3027-29	2SA207700L	TRANSISTOR	3	
Q3331-33	2SC2480	TRANSISTOR	3	
Q4043,44	2SA207700L	TRANSISTOR	2	
Q4046	2SA207700L	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q4050	2SC584500L	TRANSISTOR	1	
Q4051,52	2SD1030	TRANSISTOR	2	
Q4053	2SC584500L	TRANSISTOR	1	
Q4054	2SD1030	TRANSISTOR	1	
Q4055-59	2SA207700L	TRANSISTOR	5	
Q4061-69	2SC584500L	TRANSISTOR	9	
Q4070,71	B1MBACA00008	TRANSISTOR	2	
Q4082,83	2SK1228	FET	2	
Q4084	B1ABDF000034	# B1ABCF000138,2SC584500	1	
Q4918	B1ABDF000034	# B1ABCF000138,2SC584500	1	
Q4919	2SC584500L	TRANSISTOR	1	
Q5601	B1DHDC000028	TRANSISTOR	1	
Q5602	2SD601A	TRANSISTOR	1	
Q5603	B1DHDC000028	TRANSISTOR	1	
Q5604,05	2SD601A	TRANSISTOR	2	
Q5610	2SD601A	TRANSISTOR	1	
Q5613	2SD601A	TRANSISTOR	1	
Q5614	2SK3065T100	FET	1	
Q5641-43	2SA207700L	TRANSISTOR	3	
Q5644	2SD601A	TRANSISTOR	1	
Q6001-03	B1JADN000001	TRANSISTOR	3	
Q6021-23	B1JADN000001	TRANSISTOR	3	
Q6041-43	B1JADN000002	TRANSISTOR	3	
Q6052,53	B1JADN000002	TRANSISTOR	2	
Q6101,02	B1DFKM000002	TRANSISTOR	2	
Q6103	B1ABNF000006	TRANSISTOR	1	
Q6104	B1ADNF000006	TRANSISTOR	1	
Q6105,06	B1DFKM000002	TRANSISTOR	2	
Q6111	2SK326800L	FET	1	
Q6112	B1DFKM000002	TRANSISTOR	1	
Q6114	B1DFKM000002	TRANSISTOR	1	
Q6141	B1ABNF000006	TRANSISTOR	1	
Q6142	B1ADNF000006	TRANSISTOR	1	
Q6146	B1ABNF000006	TRANSISTOR	1	
Q6147	B1ADNF000006	TRANSISTOR	1	
Q6171	2SD2185	TRANSISTOR	1	
Q6172	B1ADRD000001	TRANSISTOR	1	
Q6181	2SD2185	TRANSISTOR	1	
Q6182	B1ADRD000001	TRANSISTOR	1	
Q6221	2SD1263A	TRANSISTOR	1	
Q6222	2SC3063	TRANSISTOR	1	
Q6251	2SD601A	TRANSISTOR	1	
Q6401-03	B1JADN000001	TRANSISTOR	3	
Q6421-23	B1JAEP000001	TRANSISTOR	3	
Q6441-43	B1JADN000002	TRANSISTOR	3	
Q6452,53	B1JADP000002	TRANSISTOR	2	
Q6471	B1CHGD000006	TRANSISTOR	1	
Q6511	B1ABNF000006	TRANSISTOR	1	
Q6512	B1ADNF000006	TRANSISTOR	1	
Q6516	B1ABNF000006	TRANSISTOR	1	
Q6517	B1ADNF000006	TRANSISTOR	1	
Q6531	2SD2185	TRANSISTOR	1	
Q6532	B1ADRD000001	TRANSISTOR	1	
Q6551	2SD2185	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q6552	B1ADRD000001	TRANSISTOR	1	
Q6581	2SD601A	TRANSISTOR	1	
Q6601	B1DEDS000001	TRANSISTOR	1	
Q6602	2SD601A	TRANSISTOR	1	
Q6621,22	B1DFKM000001	TRANSISTOR	2	
Q6641-45	B1DFKM000001	TRANSISTOR	5	
Q6647,48	B1DFKM000001	TRANSISTOR	2	
Q6661	B1DEET000002	TRANSISTOR	1	
Q6662	2SD601A	TRANSISTOR	1	
Q6663	2SD2185	TRANSISTOR	1	
Q6671-73	B1DEDS000001	TRANSISTOR	3	
Q6680	B1ADNF000006	TRANSISTOR	1	
Q6681,82	2SK389500L	FET	2	
Q6691	2SK620	FET	1	
Q6742,43	2SD601A	TRANSISTOR	2	
Q6744	2SK620	FET	1	
Q6762	B1ADNF000006	TRANSISTOR	1	
Q6781	B1ABNF000006	TRANSISTOR	1	
Q6782	B1ADNF000006	TRANSISTOR	1	
Q6791	2SD601A	TRANSISTOR	1	
Q6803	2SD814A	TRANSISTOR	1	
Q6821	2SD1263A	TRANSISTOR	1	
Q6822	2SC3063	TRANSISTOR	1	
Q6824	2SD601A	TRANSISTOR	1	
Q6841	2SD1263A	TRANSISTOR	1	
Q6842	2SC1473A	TRANSISTOR	1	
Q7751,52	2SD601A	TRANSISTOR	2	
Q7753	2SC584500L	TRANSISTOR	1	
Q7754	2SD601A	TRANSISTOR	1	
Q8101	2SA207700L	TRANSISTOR	1	TH-50PX600B
Q8401,02	2SD601A	TRANSISTOR	2	TH-50PX600B
Q9044	2SD601A	TRANSISTOR	1	
Q9046	2SD601A	TRANSISTOR	1	
Q9049	2SB709A	TRANSISTOR	1	
Q9050-54	2SD601A	TRANSISTOR	5	
Q9057,58	B1CBHD000002	FET	2	
Q9100	2SD601A	TRANSISTOR	1	
Q9200,01	B1CBHD000002	FET	2	
Q9301,02	2SD601A	TRANSISTOR	2	
Q9400-02	2SD601A	TRANSISTOR	3	
Q9800,01	B1MBEDA00015	TRANSISTOR	2	
Q9803	B1MBEDA00015	TRANSISTOR	1	
Q9805,06	2SD601A	TRANSISTOR	2	
R002	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R005	ERJ3EKF5600	M 560 OHM, 1/16W	1	
R008,09	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R010	ERJ3EKF4700	M 470 OHM, 1/16W	1	
R011	ERJ6GEYJ271	M 270 OHM,J,1/10W	1	
R012,13	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R014	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R1101	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1102,03	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R1105,06	ERJ2GEJ102	M 1KOHM, J,0.063W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1108-12	ERJ2GEJ101	M 100 OHM, J,0.063W	5	
R1113	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	
R1114	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1116	ERJ2GEJ562	M 5.6KOHM,J,0.063W	1	
R1117	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1118,19	EXB2HV680J	RESISTOR ARRAY	2	
R1121,22	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1123	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1124,25	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
R1128	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1130	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1131,32	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1133,34	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R1135	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1140,41	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
R1145	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-50PX600B
R1146	ERJ2GEJ271	M 270 OHM, J,0.063W	1	
R1147,48	D1HG5608A002	NETWORK RESISTER	2	
R1149	EXB2HV680J	RESISTOR ARRAY	1	
R1150	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-50PX600B
R1151	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1150,51	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1153	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1154,55	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R1156	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1157	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1158	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1159	ERJ2GEJ123X	M 12KOHM ,J,0.063W	1	
R1160	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-50PV600E
R1162	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-50PV600E
R1164	ERJ2GEJ123X	M 12KOHM ,J,0.063W	1	
R1165	ERJ2GEJ153	M 15KOHM ,J,0.063W	1	
R1166,67	ERJ2GEJ101	M 100 OHM, J,0.063W	2	TH-50PX600B
R1168,69	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1174	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1175	ERJ2GEJ563	M 56KOHM ,J,0.063W	1	
R1176	ERJ2GEJ123X	M 12KOHM ,J,0.063W	1	
R1177-79	ERJ2GEJ101	M 100 OHM, J,0.063W	3	
R1181	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1182	ERJ2GEJ683	M 68KOHM, J,0.063W	1	
R1183	EXB28V680JX	RESISTOR ARRAY	1	
R1184	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1187	EXB2HV680J	RESISTOR ARRAY	1	
R1188,89	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1193,94	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1199	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1200	EXB2HV680J	RESISTOR ARRAY	1	
R1203	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1207	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1212	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1214	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1215-17	ERJ2GEJ101	M 100 OHM, J,0.063W	3	
R1218	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R1220	ERJ2GEJ680	M 68 OHM, J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1221	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	
R1222	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R1223	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1224	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1225,26	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1228	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R1229	ERJ2GEJ182	M 1.8KOHM, J,0.063W	1	
R1230	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R1231	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1232,33	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
R1234	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1235,36	ERJ2GEJ272	M 2.7KOHM, J,0.063W	2	
R1238	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1239	ERJ3EKF1202	M 12KOHM, 1/16W	1	
R1240	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1241	ERJ2GEJ822	M 8.2KOHM, J,0.063W	1	
R1243	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1246	ERJ2GEJ912	M 9.1KOHM, J,0.063W	1	
R1249	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1250	ERJ2GEJ224	M 220KOHM, J,0.063W	1	
R1251,52	EXB2HV101J	RESISTOR ARRAY	2	
R1256	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1259	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-50PX600B
R1263,64	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1269	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1270,71	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1275	ERJ3EKF7151	M7.15KOHM, 1/16W	1	
R1279,80	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1281	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1282	ERJ2GEJ153	M 15KOHM ,J,0.063W	1	
R1283	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1284	ERJ2GEJ682	M 6.8KOHM, J,0.063W	1	
R1290	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1292,93	ERJ2GEJ104	M 100KOHM, J,0.063W	2	TH-50PX600B
R1296,97	ERJ2GEJ473	M 47KOHM,J,0.063W	2	TH-50PX600B
R1299-02	ERJ2GE0R00	M 0.0 OHM, J,0.063W	4	TH-50PV600E
R1303-06	ERJ2GEJ220	M 22 OHM, J,0.063W	4	TH-50PX600B
R1307	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1308	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1309-12	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
R1313,14	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1315	ERJ2GEJ333	M 33KOHM, J,0.063W	1	
R1316	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1318,19	ERJ2GEJ512X	M5.12KOHM, J,0.063W	2	
R1321	ERJ2GEJ153	M 15KOHM ,J,0.063W	1	
R1322	ERJ2GEJ100	M 10 OHM, J,0.063W	1	
R1323,24	ERJ2GEJ823	M 82KOHM, J,0.063W	2	
R1325,26	ERJ2GEJ104	M 100KOHM, J,0.063W	2	
R1327,28	ERJ2GEJ683	M 68KOHM, J,0.063W	2	
R1329,30	ERJ2GEJ473	M 47KOHM,J,0.063W	2	
R1331,32	ERJ2GEJ104	M 100KOHM, J,0.063W	2	
R1333	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1334	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1335	ERJ2GEJ101	M 100 OHM, J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1336	ERJ2GEJ225	M 1MOHM, J,0.063W	1	
R1337	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1340	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-50PV600E
R1341	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1344	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1346	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1350,51	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1352	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1353	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R1354	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1355	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1358	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1359	ERJ2GEJ224	M 220KOHM, J,0.063W	1	
R1360	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
R1361	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1363	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1364	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1365	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1367	ERJ2GEJ333	M 33KOHM, J,0.063W	1	
R1368	ERJ2GEJ183	M 18KOHM ,J,0.063W	1	
R1369	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1370	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1372	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1373	ERJ2GEJ683	M 68KOHM, J,0.063W	1	
R1375	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1376	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1377	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R1378	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1379	ERJ2GEJ331	M 330 OHM, J,0.063W	1	
R1380	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1381	ERJ2GEJ474	M 470KOHM, J,0.063W	1	
R1384	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1389	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1408	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1410	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1411	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1412,13	ERJ2GEJ104	M 100KOHM, J,0.063W	2	
R1414	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1426-32	ERJ8GEY0R00	M 0 OHM, 1/8W	7	
R1436,37	ERJ2GEJ561	M 60 OHM, J,0.063W	2	
R1439	ERJ2GEJ271	M 270 OHM, J,0.063W	1	
R1441	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1446,47	ERJ2GEJ471	M 470 OHM, J,0.063W	2	
R1449	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1451	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1452	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-50PV600E
R1454	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1458,59	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1461,62	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1466	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1467	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1470	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1472,73	ERJ2GEJ301	M 300 OHM, J,0.063W	2	
R1474	ERJ8GEY0R00	M 0 OHM, 1/8W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1475	ERJ2GEJ271	M 270 OHM, J,0.063W	1	
R1478	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R1479	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1480	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-50PV600E
R1489	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1491	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1526	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1530,31	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1554,55	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R1556	ERJ2GEJ331	M 330 OHM, J,0.063W	1	
R2005	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2006-11	ERJ6GEYJ223	M 22KOHM,J,1/10W	6	
R2012	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2013,14	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R2015,16	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2018,19	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2023	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2027,28	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2031	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2033	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2035,36	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2038	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2040	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2042	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R2043	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2044	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2045,46	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2048	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2049,50	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2051,52	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R2053	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2054	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2101,02	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2103	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2113,14	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2116	J0JCC0000241	CHIP INDUCTOR	1	
R2124,25	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R2126,27	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R2128,29	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R2130	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2131	ERJ3EKF8201	M 8.2KOHM, 1/16W	1	
R2132	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R2133	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2135,36	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2137	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R2138	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2139,40	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2147	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2148,49	ERJ3EKF6342	M6.34KOHM, 1/16W	2	
R2152	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R2153	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2154	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R2155-60	ERJ3GEYJ221	M 220 OHM,J,1/16W	6	
R2161	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2162	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2163	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R2164	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2165,66	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R2167	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2168,69	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R2170-77	ERJ3GEYJ221	M 220 OHM,J,1/16W	8	
R2181	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2182,83	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R2184-87	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R2188	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2190	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2192,93	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2195,96	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2197	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2199,00	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2202	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R2203	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2204	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R2208	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2209	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R2210	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R2211	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2213	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2214	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R2215	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2219	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2220	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R2224,25	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2227	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2230,31	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2232,33	ERJ3GEYJ153	M 15KOHM,J,1/16W	2	
R2234,35	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2236	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2237	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2238,39	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2246	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R2300,01	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R2302	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	(H)
R2302	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	(PA)
R2303	ERJ3GEYJ433	M 43KOHM,J,1/16W	1	(PA)
R2303	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	(H)
R2304	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2305	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	(PA)
R2305	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	(H)
R2306	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	(PA)
R2306	ERJ6GEYJ821	M 820 OHM,J,1/10W	1	(H)
R2307	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	(H)
R2307	ERJ3GEYJ433	M 43KOHM,J,1/16W	1	(PA)
R2308,09	ERJ3GEYJ223	M 22KOHM,J,1/16W	2	
R2310	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(PA)
R2310	ERJ3GEYJ184	M 180KOHM,J,1/16W	1	(H)
R2311	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(PA)
R2311	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	(H)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2312	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2313,14	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R2323,24	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2325	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2328	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2329	ERJ3EKF1003	M 100KOHM, 1/16W	1	
R2332	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2338	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2341	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2342,43	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2346,47	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2348	ERJ3EKF1003	M 100KOHM, 1/16W	1	
R2349,50	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R2351	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2352	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2353,02	ERJ3EKF1002	M 10KOHM, 1/16W	2	
R2354	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2355,56	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R2357,58	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R2359	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2360	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2361	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R2362	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R2363	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2364	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2366	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2367	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	
R2368	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2372-74	ERJ6GEYJ681	M 680 OHM,J,1/10W	3	
R2376	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2377,78	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2379,80	ERJ6ENF2201	M 2.2KOHM, 1/10W	2	
R2383	ERJ3EKF3741	M3.74KOHM, 1/16W	1	
R2384	ERJ3EKF7150	M 715 OHM, 1/16W	1	
R2387	ERJ3EKF7150	M 715 OHM, 1/16W	1	
R2388	ERJ3EKF3741	M3.74KOHM, 1/16W	1	(PA)
R2388	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	(H)
R2389	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2390	ERJ3GEYJ203	M 20KOHM,J,1/16W	1	
R2391	ERJ3EKF2801	M 2.8KOHM, 1/16W	1	(PA)
R2391	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(H)
R2392	ERJ3EKF1651	M1.65KOHM, 1/16W	1	(PA)
R2392	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	(H)
R2393	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2395	ERJ3EKF2801	M 2.8KOHM, 1/16W	1	
R2396	ERJ3EKF1651	M1.65KOHM, 1/16W	1	(PA)
R2396	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(H)
R2397	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	(H)
R2397	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(PA)
R2398	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	(H)
R2398	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(PA)
R2399	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2400	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2401,02	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2403	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2404,05	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2406	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2407	ERJ3EKF1241	M1.24KOHM, 1/16W	1	
R2408	ERJ3EKF1071	M1.07KOHM, 1/16W	1	
R2409	ERJ3EKF1621	M1.62KOHM, 1/16W	1	
R2410	ERJ3EKF7870	M 787 OHM, 1/16W	1	
R2411,12	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2413	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2414,15	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2416	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2417	ERJ3EKF1241	M1.24KOHM, 1/16W	1	
R2418	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R2419	ERJ3EKF1501	M 1.5KOHM, 1/16W	1	
R2420	ERJ3EKF7870	M 787 OHM, 1/16W	1	
R2421	ERJ3EKF1621	M1.62KOHM, 1/16W	1	
R2422	ERJ3EKF7870	M 787 OHM, 1/16W	1	
R2423	ERJ3EKF1501	M 1.5KOHM, 1/16W	1	
R2424	ERJ3EKF7870	M 787 OHM, 1/16W	1	
R2512	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R2516	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2517	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R2520	ERJ3GEYJ224	M 220KOHM,J,1/16W	1	
R2521	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R2524	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2539	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	TH-50PX600B
R2540	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	TH-50PX600B
R2542	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2554	ERJ6ENF75R0	M 75 OHM, 1/10W	1	TH-50PX600B
R2557	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R2559	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2560	ERJ3EKF5760	M 576 OHM, 1/16W	1	
R2567	ERJ6GEY0R00	M 0 OHM, 1/10W	1	TH-50PX600B
R2572	ERJ6GEY0R00	M 0 OHM, 1/10W	1	TH-50PX600B
R3001,02	ERJ6ENF1500	M 150 OHM, 1/10W	2	
R3003-05	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R3006-08	ERJ6ENF1500	M 150 OHM, 1/10W	3	
R3009-15	ERJ6ENF75R0	M 75 OHM, 1/10W	7	
R3016,17	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3018,19	ERJ6GEYJ680	M 68 OHM,J,1/10W	2	
R3020-22	ERJ6ENF2202	M 2.2KOHM, 1/10W	3	
R3023,24	ERJ6ENF1202	M 12KOHM, 1/10W	2	
R3025	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3026	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3027,28	ERJ6ENF1500	M 150 OHM, 1/10W	2	
R3030-32	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R3033,34	ERJ6ENF1500	M 150 OHM, 1/10W	2	
R3036	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R3041,42	ERJ3GEYJ182	M 1.8KOHM,J,1/16W	2	
R3043	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3044,45	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3048	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R3049	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3050	ERJ3GEYJ242	M 2.4KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3051	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3052	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3057,58	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3059-64	ERJ3GEYJ221	M 220 OHM,J,1/16W	6	
R3068	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3070	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3072-75	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R3076	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3077	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3078	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3085-88	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R3089,90	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3092	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3094-01	ERJ3GEYJ221	M 220 OHM,J,1/16W	8	
R3102	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3103	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R3105	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R3107	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3109	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3111-14	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R3115	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3118	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3119,20	ERJ3EKF91R0	M 91 OHM, 1/16W	2	
R3121	ERJ3EKF1300V	M 130 OHM, 1/16W	1	
R3122	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3123	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R3125	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3126	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3127	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3130,31	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R3132,33	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3134	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3135	ERJ3EKF91R0	M 91 OHM, 1/16W	1	
R3136	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3138	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R3139	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3140	ERJ3EKF1300V	M 130 OHM, 1/16W	1	
R3141	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3143	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3144	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3145	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3146	ERJ3GEYJ361	M 360 OHM,J,1/16W	1	
R3149	ERJ3GEYJ361	M 360 OHM,J,1/16W	1	
R3150	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3151	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3152	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3153,54	ERJ3GEYJ361	M 360 OHM,J,1/16W	2	
R3155	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3156	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3157	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3158,59	ERJ3GEYJ361	M 360 OHM,J,1/16W	2	
R3160,61	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R3163	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R3168	ERJ3GEYJ750	M 75 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3170	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3171	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3173	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R3206	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3213,14	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3215	J0JCC0000241	CHIP INDUCTOR	1	
R3222	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3224	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3227-29	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R3233,34	ERJ6ENF75R0	M 75 OHM, 1/10W	2	
R3236	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3238	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3239	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R3245-48	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R3249	J0JCC0000241	CHIP INDUCTOR	1	
R3302	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3305	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3306,07	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R3308,09	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R3310	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3312	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3313	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3317	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3318	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3320	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3323,24	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R3330	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3336	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3337	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3338	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3339	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3340	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3341	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3342	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3343	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3344	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3345	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3346	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3347	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3348,49	ERJ3GEYJ680	M 68 OHM,J,1/16W	2	
R3350-52	ERJ3GEYJ510	M 51 OHM,J,1/16W	3	
R3704	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3709-11	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R3716,17	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R3721	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3732	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3733	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3736-41	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R3746	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3748	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3750	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3751	ERJ6ENF1432	M14.3KOHM, 1/10W	1	
R3753	ERJ6ENF1741	M1.74KOHM, 1/10W	1	
R3754	ERJ6ENF1621	M1.62KOHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3755	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3757	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3758	ERJ6ENF6651	M6.65KOHM, 1/10W	1	
R3759-64	ERJ6GEY0R00	M 0 OHM, 1/10W	6	
R3765	ERJ6ENF2321	M2.32KOHM, 1/10W	1	
R3767	ERJ6ENF3161	M3.16KOHM, 1/10W	1	
R3768	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R4001	ERJ3EKF1211	M1.21KOHM, 1/16W	1	
R4004	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4008	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4010	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4018	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-50PV600E
R4021	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4022	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R4024,25	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4026,27	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R4029	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4031-33	ERJ2GEJ103	M 10KOHM, J,0.063W	3	
R4037-39	D1HG1038A002	NETWORK RESISTER	3	
R4040,41	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4045,46	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4101	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4257	ERJ3EKF3302	M 33KOHM, 1/16W	1	
R4265	ERJ3EKF3242	M32.4KOHM, 1/16W	1	
R4269	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4271,72	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4286,87	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4293	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4338-43	ERJ2GE0R00	M 0.0 OHM, J,0.063W	6	
R4434	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4436	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4438	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4442,43	ERJ3EKF4220	M 422 OHM, 1/10W	2	
R4444,45	ERJ3EKF3301	M 3.3KOHM, 1/16W	2	
R4447	ERJ3EKF7680	M 768 OHM, 1/16W	1	
R4449	ERJ3EKF1211	M1.21KOHM, 1/16W	1	
R4450,51	ERJ6GEYJ821	M 820 OHM,J,1/10W	2	
R4454	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	
R4457	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4465	ERJ2GEJ224	M 220KOHM, J,0.063W	1	
R4466,67	ERJ2GEJ330	M 33 OHM, J,0.063W	2	
R4469,70	ERJ3EKF1500	M 150 OHM, 1/16W	2	
R4472	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-50PX600B
R4474	ERJ3EKF1211	M1.21KOHM, 1/16W	1	
R4476	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4477,78	ERJ6GEYJ471	M 470 OHM,J,1/10W	2	
R4479,80	ERJ3EKF4220	M 422 OHM, 1/10W	2	
R4481	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4482,83	ERJ3EKF1781	M1.78KOHM, 1/16W	2	
R4484,85	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4486	ERJ3EKF4870	M 487 OHM, 1/16W	1	
R4487	ERJ3EKF5600	M 560 OHM, 1/16W	1	
R4488	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4489	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4490	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4491	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4492	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4495	ERJ3EKF4302	M 43KOHM, 1/16W	1	
R4496-99	ERJ6GEYJ102	M 1KOHM,J,1/10W	4	
R4500	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	
R4501,02	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R4503	ERJ3EKF1600	M 160 OHM, 1/16W	1	
R4505	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4506	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4508	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4510	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4514-16	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
R4517	ERJ3EKF1371	M 13.7 OHM, 1/16W	1	
R4519	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4520	ERJ3EKF1691	M1.69KOHM, 1/16W	1	
R4521,22	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4523-25	ERJ3EKF33R0	M 33 OHM, 1/16W	3	
R4526	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R4527	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4528-30	ERJ3EKF33R0	M 33 OHM, 1/16W	3	
R4531	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	
R4532	ERJ3EKF4700	M 470 OHM, 1/16W	1	
R4533	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4534,35	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R4536-38	ERJ3EKF1500	M 150 OHM, 1/16W	3	
R4539	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R4541	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4543	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4544	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4545-47	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
R4548	ERJ2GEJ911X	M 910 OHM, J,0.063W	1	
R4549	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4550	EXB28V220J	RESISTOR ARRAY	1	
R4551	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4552	EXB28V220J	RESISTOR ARRAY	1	
R4553	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4554	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4555	EXB28V220J	RESISTOR ARRAY	1	
R4556,57	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4560,61	EXB28V220J	RESISTOR ARRAY	2	
R4562	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4563-65	ERJ2GEJ220	M 22 OHM, J,0.063W	3	
R4566	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4567	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4568	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4569	D1HG5608A002	NETWORK RESISTER	1	
R4570,71	EXB28V560JX	RESISTOR ARRAY	2	
R4572	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4575	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4577-79	ERJ2GEJ222	M 2.2KOHM, J,0.063W	3	
R4583,84	ERJ2GEJ390	M 39 OHM, J,0.063W	2	
R4589-04	ERJ2GEJ2R7X	M 2.7OHM, J,0.063W	16	
R4605,06	ERJ2GEJ103	M 10KOHM, J,0.063W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4607	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4609,10	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4612,13	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R4617,18	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R4619	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R4620	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4621	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R4622	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4624	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4626	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4628	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4629-32	ERJ2GEJ472	M 4.7KOHM, J,0.063W	4	
R4633,34	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4636	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4637	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4639	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4640	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4641	EXB28V330J	RESISTOR ARRAY	1	
R4642-45	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
R4647	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4648	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4655	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4657	ERJ2GEJ182	M 1.8KOHM, J,0.063W	1	
R4658	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4660	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4661	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4662	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4665	EXB2HV220JV	RESISTOR ARRAY	1	
R4667	EXB2HV220JV	RESISTOR ARRAY	1	
R4668	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R4669	EXB2HV220JV	RESISTOR ARRAY	1	
R4672,73	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4675	ERJ3EKF1802	M 18KOHM, 1/16W	1	
R4677	ERJ3EKF1802	M 18KOHM, 1/16W	1	
R4679,80	ERJ3EKF2202	M 22KOHM, 1/16W	2	
R4681,82	ERJ3EKF3302	M 33KOHM, 1/16W	2	
R4701	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R4706	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4708,09	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
R4711	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4712	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4713,14	EXB2HV221JV	RESISTOR ARRAY	2	
R4715	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4718-20	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
R4727	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4729,30	ERJ3EKF1000	M 100 OHM, 1/16W	2	
R4731	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R4732	ERJ3EKF4751	M4.75KOHM, 1/16W	1	
R4733	ERJ3EKF75R0	M 0.75HM, 1/16W	1	
R4734	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R4735	ERJ3EKF2001	M 2KOHM, 1/16W	1	
R4737	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4738,39	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
R4743-47	ERJ2GEJ680	M 68 OHM, J,0.063W	5	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4749,50	EXB2HV680J	RESISTOR ARRAY	2	
R4751-54	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
R4756-60	ERJ2GEJ680	M 68 OHM, J,0.063W	5	
R4762	EXB2HV680J	RESISTOR ARRAY	1	
R4763-65	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
R4772	EXB2HV470JV	RESISTOR ARRAY	1	
R4773	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4774	EXB2HV470JV	RESISTOR ARRAY	1	
R4775	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4776	EXB2HV470JV	RESISTOR ARRAY	1	
R4777	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4778	EXB2HV470JV	RESISTOR ARRAY	1	
R4779	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4782	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4783	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4784	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4785	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4788	EXB2HV470JV	RESISTOR ARRAY	1	
R4791,92	ERJ2GEJ470	M 47 OHM, J,0.063W	2	
R4793,94	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4796	EXB2HV470JV	RESISTOR ARRAY	1	
R4804	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4805,06	ERJ3EKF1001	M 1KOHM, 1/16W	2	
R4807-11	ERJ2GE0R00	M 0.0 OHM, J,0.063W	5	
R4814	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4816,17	ERJ2GEJ223	M 22KOHM, J,0.063W	2	
R4819	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R4822	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4823-25	J0JAD0000025	CHIP INDUCTOR	3	
R4826,27	EXB2HVR000	RESISTOR ARRAY	2	TH-50PX600B
R4830,31	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-50PX600B
R4837	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4838	ERJ2GEJ112	M 1.1KOHM, J,0.063W	1	
R4840	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-50PX600B
R4891	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4898	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4960	EXB2HV680J	RESISTOR ARRAY	1	
R4961-63	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
R4964	EXB2HV680J	RESISTOR ARRAY	1	
R4965,66	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
R4967	EXB2HV680J	RESISTOR ARRAY	1	
R4968-72	ERJ2GEJ680	M 68 OHM, J,0.063W	5	
R5601	ERJ3EKF1800	M 180 OHM, 1/16W	1	
R5603	ERJ3EKF1542	M15.4KOHM, 1/16W	1	
R5605	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5606	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5607	ERJ3EKF4531	M4.53KOHM, 1/16W	1	
R5609	ERJ3EKF2000	M 200 OHM, 1/16W	1	
R5611	ERJ6ENF8202	M 82KOHM, 1/10W	1	
R5612	ERJ6ENF1602	M 16KOHM, 1/10W	1	
R5615	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5617	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5619	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R5620	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R5621	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5625-27	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	3	
R5632	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R5633	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5634	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R5635	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R5637,38	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R5639	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5640	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5641	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5642	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R5643	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5644	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5645	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R5646	ERJ3EKF4701	M 4.7KOHM, 1/16W	1	
R5647	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R5648	ERJ3GEYJ392	M 3.9KOHM,J,1/16W	1	
R5649	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R5650	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R5652	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5653,54	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R5659	ERJ3EKF4700	M 470 OHM, 1/16W	1	
R5660	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5662	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5664	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5665	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R5667-69	ERJ3GEYJ473	M 47KOHM,J,1/16W	3	
R5672	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5676	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5692	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5693	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R5694	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R5695	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5801	ERJ3EKF8450	M 845 OHM, 1/16W	1	
R5802	ERJ3EKF1302	M 23KOHM, 1/16W	1	
R5803	ERJ3EKF2001	M 2KOHM, 1/16W	1	
R5804	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5805-08	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	4	
R5809	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5822-24	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	
R5826	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R5836	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R6001-06	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6020	ERG3FJS101D	M 100 OHM, J, 3W	1	
R6021	ERJ14YJ150U	M 15 OHM, J,1/4W	1	
R6022	ERG3FJS101D	M 100 OHM, J, 3W	1	
R6023-27	ERJ14YJ150U	M 15 OHM, J,1/4W	5	
R6031,32	ERJ6ENF8202	M 82KOHM, 1/10W	2	
R6033	ERJ6ENF5602	M 56KOHM, 1/10W	1	
R6034	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R6041-46	ERJ14YJ100	M 10 OHM, J,1/4W	6	
R6053-56	ERJ14YJ100	M 10 OHM, J,1/4W	4	
R6061,62	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6102	D0GD101JA036	M 100 OHM,J,0.25W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6104	D0GD101JA036	M 100 OHM,J,0.25W	1	
R6106	D0GD101JA036	M 100 OHM,J,0.25W	1	
R6108	D0GD101JA036	M 100 OHM,J,0.25W	1	
R6109	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6110	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6111,12	D0GD470JA036	M 47 OHM,J,0.25W	2	
R6113	ERJ14YJ224	M 220KOHM, J,1/4W	1	
R6114	D0GD470JA036	M 47 OHM,J,0.25W	1	
R6116	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6131,32	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6133,34	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6135,36	D0GD100JA036	M 10 OHM,J,0.25W	2	
R6141,42	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6146,47	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6151,52	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6153,54	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6155,56	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R6157-60	D0GF1R0JA047	M 1.0 OHM,J, 0.33W	4	
R6171	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6172,73	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6181	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6182,83	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6191-94	ERJ6GEYJ101	M 100 OHM,J,1/10W	4	
R6195	D0GD104JA036	M 100KOHM,J,0.25W	1	
R6196	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6213	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6214	D0GD151JA036	M 150 OHM,J,0.25W	1	
R6220	ERDS2TC0	C 0 OHM, 1/4W	1	
R6222	ERG1FJS103D	M 10KOHM, J, 1W	1	
R6223	ERG2FJS123D	M 12KOHM, J, 2W	1	
R6225	D0GD203JA036	M 20KOHM,J,0.25W	1	
R6226,27	ERJ6GEYJ163	M 16KOHM,J,1/10W	2	
R6228	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R6229	ERJ6GEYJ163	M 16KOHM,J,1/10W	1	
R6230	ERDS2TC0	C 0 OHM, 1/4W	1	
R6231	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6232	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6241	EXB38V470J	RESISTOR ARRAY	1	
R6242	EXB38V472J	RESISTOR ARRAY	1	
R6243	EXB38V470J	RESISTOR ARRAY	1	
R6244	EXB38V472J	RESISTOR ARRAY	1	
R6251	D0GD103JA036	M 10KOHM,J,0.25W	1	
R6252,53	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6254	ERJ6ENF6801	M 6.8KOHM, 1/10W	1	
R6255	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6256	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	
R6257	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6258	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6261	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6401-06	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6421-26	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6441-46	ERJ14YJ100	M 10 OHM, J,1/4W	6	
R6453-56	ERJ14YJ100	M 10 OHM, J,1/4W	4	
R6465	ERJ6ENF2702	M 27KOHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6466	ERJ6ENF5602	M 56KOHM, 1/10W	1	
R6467,68	ERJ6ENF8202	M 82KOHM, 1/10W	2	
R6471	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6472	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6473	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R6474	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6475,76	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R6477	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6478	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6479	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6501,02	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6503	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6504,05	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6506	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6507-09	D0GF1R0JA047	M 1.0 OHM,J, 0.33W	3	
R6511,12	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6516,17	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6521,22	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6523,24	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6525,26	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R6531	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6532,33	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6551	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6552,53	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6561-64	EXB38V470J	RESISTOR ARRAY	4	
R6565-68	EXB38V472J	RESISTOR ARRAY	4	
R6581	D0GD103JA036	M 10KOHM,J,0.25W	1	
R6582,83	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6584	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
R6585	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6586	ERJ6ENF1801	M 1.8KOHM, 1/10W	1	
R6587	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6588	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6590	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6591	EXB38V472J	RESISTOR ARRAY	1	
R6592	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6603	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6604	D0GD151JA036	M 150 OHM,J,0.25W	1	
R6605	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6606	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6607	ERJ6ENF5361	M5.36KOHM, 1/10W	1	
R6608,09	D0GF102JA047	M 1.0 KOHM,J,0.33W	2	
R6610	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6611	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R6612	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6613	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R6614,15	D0GF243JA047	M 24 KOHM,J,0.33W	2	
R6616	ERJ6ENF1502	M 15KOHM, 1/10W	1	
R6617	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R6618	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R6619	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	
R6620	D0D28R2JA021	M 8.2 OHM,J,5W	1	
R6621,22	ERJ6GEYJ221	M 220 OHM,J,1/10W	2	
R6641-45	ERJ6GEYJ100	M 10 OHM,J,1/10W	5	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6647,48	ERJ6GEYJ100	M 10 OHM,J,1/10W	2	
R6658	D0D1101JA009	M 100 OHM,J,1W	1	
R6659,60	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6661	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6662	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R6663	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6664	D0GF222JA047	M 2.2 KOHM,J,0.33W	1	
R6665	ERJ14YJ470	M 47 OHM,J, 1/2W	1	
R6666	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6667,68	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R6671	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6672	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6673-75	D0GD5R6JA059	M 5.6 OHM,J,0.25W	3	
R6682	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6683	D0GD151JA036	M 150 OHM,J,0.25W	1	
R6684	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6685	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6686	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6687	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6688	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6689	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6690	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R6691	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6696,97	D0D32R2JA020	M 2.2 OHM,J,5W	2	
R6700-08	ERJ6GEYJ471	M 470 OHM,J,1/10W	9	
R6710-18	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	9	
R6721,22	EXB38V220J	RESISTOR ARRAY	2	
R6723	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6724	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6742	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6743	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6744	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6745	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6746,47	D0GD103JA036	M 10KOHM,J,0.25W	2	
R6755	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6756-58	D0GD101JA059	M 100 OHM,J,0.25W	3	
R6759	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6760	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R6761	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6762	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6775,76	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6777	D0GD151JA036	M 150 OHM,J,0.25W	1	
R6781	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6782	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6791	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6792	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6793	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6801	ERX3FJS8R2D	M 8.2 OHM, J, 3W	1	
R6802	ERG2FJS683D	M 68KOHM, J, 2W	1	
R6803	ERG2FJS563D	M 56KOHM, J, 2W	1	
R6806,07	ERX12SJ1R2	M 1.2 OHM, J,1/2W	2	
R6808	D0GD272JA059	M 2.7KOHM,J,0.25W	1	
R6809	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6810,11	ERJ6GEYJ433	M 43KOHM,J,1/10W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6812	ERJ6ENF2403	M 240KOHM, 1/10W	1	
R6813	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R6814	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R6816	ERJ6ENF3902	M 39KOHM, 1/10W	1	
R6817	ERJ6ENF1302	M 13KOHM, 1/10W	1	
R6819	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	
R6820	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6821	ERG2FJS221D	M 220 OHM, J, 2W	1	
R6822	ERJ12YJ104U	M 100KOHM, 1/2W	1	
R6823	ERG1FJS104D	M 100KOHM, J, 1W	1	
R6824	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R6825,26	ERJ6ENF2703	M 270KOHM, 1/10W	2	
R6827	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R6828	ERJ6ENF5101	M 5.1KOHM, 1/10W	1	
R6829,30	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6831	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R6832	ERDS1FJ4R7	C 4.7 OHM, J,1/2W	1	
R6833-36	ERJ6ENF5602	M 56KOHM, 1/10W	4	
R6837	ERJ6ENF5102	M 51KOHM, 1/10W	1	
R6839	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6841	ERJ12YJ153U	M 15KOHM, 1/2W	1	
R6842	ERJ14YJ433U	M 43KOHM, 1/2W	1	
R6843	ERJ6GEYJ623	M 62KOHM,J,1/10W	1	
R6844	D0D2101JA021	M 100 OHM,J,2W	1	
R6845	ERJ6GEYJ623	M 62KOHM,J,1/10W	1	
R6846,47	ERJ6GEYJ563	M 56KOHM,J,1/10W	2	
R6848	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6849,50	ERJ6ENF6802	M 68KOHM, 1/10W	2	
R6851	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6852	ERJ6ENF2491	M2.49KOHM, 1/10W	1	
R6853	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6858	D0GD102JA059	M 1.0KOHM,J,0.25W	1	
R6860	D0D28R2JA021	M 8.2 OHM,J,5W	1	
R6861	ERJ6ENF3902	M 39KOHM, 1/10W	1	
R6862,63	ERJ6ENF4702	M 47KOHM, 1/10W	2	
R6864	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R6865,66	ERJ6ENF2201	M 2.2KOHM, 1/10W	2	
R6867	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6868	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6869	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6871-73	ERJ6ENF3902	M 39KOHM, 1/10W	3	
R6874	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
R6875	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R6876	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6877	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6878	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6879	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6886-88	ERJ6GEYJ224	M 220KOHM,J,1/10W	3	
R6891	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R6901	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6902-04	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R6905	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6909	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6913	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6917	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6924	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6931-34	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6935,36	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R6951	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6955	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6959	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6963	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6967	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6971	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6972-74	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R6981-84	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6985,86	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R7103-06	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7108	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7110	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7113-16	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7118	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7120	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7123-26	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7128	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7130	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7131	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7132	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7133	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7134	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7135	EXB38V471J	RESISTOR ARRAY	1	
R7136-39	ERJ3GEYJ220	M 22 OHM,J,1/16W	4	
R7140-42	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R7201	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R7203-05	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	3	
R7207	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7209,10	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7211-13	EXB38V471J	RESISTOR ARRAY	3	
R7215,16	EXB38V470J	RESISTOR ARRAY	2	
R7221-25	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	5	
R7228,29	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7234,35	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	2	
R7238,39	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	2	
R7240	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7241-44	EXB38V471J	RESISTOR ARRAY	4	
R7245	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7246-49	EXB38V471J	RESISTOR ARRAY	4	
R7250-53	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7254	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7256	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7257-60	ERJ3GEYJ220	M 22 OHM,J,1/16W	4	
R7261-63	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R7264-71	EXB38V470J	RESISTOR ARRAY	8	
R7274-79	EXB38V471J	RESISTOR ARRAY	6	
R7280-85	EXB38V470J	RESISTOR ARRAY	6	
R7301-08	EXB38V470J	RESISTOR ARRAY	8	
R7309	EXB38V471J	RESISTOR ARRAY	1	
R7326-29	ERJ3GEYJ220	M 22 OHM,J,1/16W	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7330,31	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7332	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7333,34	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7335,36	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R7337-44	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	8	
R7345-48	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R7349-56	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	8	
R7357,58	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R7359	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7360	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7361	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7362-69	EXB38V471J	RESISTOR ARRAY	8	
R7403-06	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7408	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7410	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7413-16	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7418	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7420	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7423-26	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7428	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7430	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7433-36	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7438	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7440	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7441-44	ERJ3GEYJ220	M 22 OHM,J,1/16W	4	
R7445	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7446-49	ERJ3GEYJ470	M 47 OHM,J,1/16W	4	
R7450-57	EXB38V470J	RESISTOR ARRAY	8	
R7459	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7460	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7461	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7462-70	EXB38V681J	RESISTOR ARRAY	9	
R7501,02	EXB38V681J	RESISTOR ARRAY	2	
R7503	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7504,05	EXB38V470J	RESISTOR ARRAY	2	
R7510-13	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7514	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7515	EXB38V681J	RESISTOR ARRAY	1	
R7516-19	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7520	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7521-24	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7525	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7526-33	EXB38V681J	RESISTOR ARRAY	8	
R7535	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R7536	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R7537	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7538	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7541-43	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R7544-46	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R7547-54	EXB38V470J	RESISTOR ARRAY	8	
R7555	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7556-59	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7560	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7575	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7577	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7580-85	EXB38V681J	RESISTOR ARRAY	6	
R7586-91	EXB38V470J	RESISTOR ARRAY	6	
R7603-06	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7608	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7610	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7613-16	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7618	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7620	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7623-26	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7628	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7630	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7631	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R7632	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7633	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7634	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7635-38	ERJ3GEYJ220	M 22 OHM,J,1/16W	4	
R7639-41	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R7642	EXB38V681J	RESISTOR ARRAY	1	
R7701	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7702	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7703-05	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R7706	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7707	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R7708	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7709	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7710	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R7713	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R7714	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R7716	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7721-29	ERJ3GEY0R00	M 0 OHM, 1/16W	9	
R7751-55	ERJ3GEYJ103	M 10KOHM,J,1/16W	5	
R7757	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7759	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7760-62	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R7764-71	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
R7773-76	ERJ3GEYJ470	M 47 OHM,J,1/16W	4	
R7777	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R7779	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R7780	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R7781	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R7783	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R8001	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-50PX600B
R8002	ERJ2GEJ272	M 2.7KOHM, J,0.063W	1	TH-50PX600B
R8003,04	ERJ2GEJ181	M 180 OHM, J,0.063W	2	TH-50PX600B
R8006	ERJ8GEY0R00	M 0 OHM, 1/8W	1	TH-50PX600B
R8008	ERJ2GEJ102	M 1KOHM, J,0.063W	1	TH-50PX600B
R8010-12	ERJ2GEJ103	M 10KOHM, J,0.063W	3	TH-50PX600B
R8014,15	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-50PX600B
R8017,18	ERJ3GEY0R00	M 0 OHM, 1/16W	2	TH-50PX600B
R8020-22	ERJ2GEJ103	M 10KOHM, J,0.063W	3	TH-50PX600B
R8027	D1HG5608A002	NETWORK RESISTER	1	TH-50PX600B
R8028-30	ERJ2GEJ560	M 56 OHM, J,0.063W	3	TH-50PX600B
R8033	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	TH-50PX600B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8034,35	ERJ3GEY0R00	M 0 OHM, 1/16W	2	TH-50PX600B
R8036	ERJ3GEYJ163	M 16KOHM,J,1/16W	1	TH-50PX600B
R8038	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-50PX600B
R8039,40	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	TH-50PX600B
R8041	ERJ2GEJ154	M 150KOHM, J,0.063W	1	TH-50PX600B
R8046	ERJ2GEJ330	M 33 OHM, J,0.063W	1	TH-50PX600B
R8047-50	ERJ2GEJ101	M 100 OHM, J,0.063W	4	TH-50PX600B
R8051	EXB38V330J	RESISTOR ARRAY	1	TH-50PX600B
R8052-55	ERJ2GEJ103	M 10KOHM, J,0.063W	4	TH-50PX600B
R8056	ERJ2GEJ330	M 33 OHM, J,0.063W	1	TH-50PX600B
R8057	ERJ2GEJ680	M 68 OHM, J,0.063W	1	TH-50PX600B
R8058	EXB38V330J	RESISTOR ARRAY	1	TH-50PX600B
R8059	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-50PX600B
R8073	ERJ2GEJ105	M 1MOHM, J,0.063W	1	TH-50PX600B
R8074,75	ERJ2GEJ181	M 180 OHM, J,0.063W	2	TH-50PX600B
R8076	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-50PX600B
R8078	ERJ2GEJ562	M 5.6KOHM,J,0.063W	1	TH-50PX600B
R8079	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-50PX600B
R8084,85	D1HG1218A002	NETWORK RESISTER	2	TH-50PX600B
R8086-88	ERJ2GEJ560	M 56 OHM, J,0.063W	3	TH-50PX600B
R8101	ERJ3GEYF181	M 180 OHM,J,1/16W	1	TH-50PX600B PAVCCZ
R8104	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-50PX600B
R8106,07	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-50PX600B
R8108	ERJ3EKF1002	M 10KOHM, 1/16W	1	TH-50PX600B
R8109	ERJ3EKF2202	M 22KOHM, 1/16W	1	TH-50PX600B
R8110	ERJ3EKF1501	M 1.5KOHM, 1/16W	1	TH-50PX600B
R8111	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-50PX600B
R8112,13	ERJ3GEY0R00	M 0 OHM, 1/16W	2	TH-50PX600B
R8115	ERJ3GEYF272	M 2.7KOHM, 1/16W	1	TH-50PX600B
R8117	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	TH-50PX600B
R8123	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-50PX600B
R8124	ERJ2GEJ471	M 470 OHM, J,0.063W	1	TH-50PX600B
R8127	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-50PX600B
R8132,33	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-50PX600B
R8136	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-50PX600B
R8137	ERJ2GEJ121	M 120 OHM, J,0.063W	1	TH-50PX600B
R8140,41	ERJ3EKF1001	M 1KOHM, 1/16W	2	TH-50PX600B
R8144,45	D1HG5608A002	NETWORK RESISTER	2	TH-50PX600B
R8148,49	D1HG3908A002	NETWORK RESISTER	2	TH-50PX600B
R8150-59	ERJ2GEJ390	M 39 OHM, J,0.063W	10	TH-50PX600B
R8161,62	ERJ2GEJ390	M 39 OHM, J,0.063W	2	TH-50PX600B
R8163	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-50PX600B
R8165	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-50PX600B
R8167-71	ERJ2GEJ103	M 10KOHM, J,0.063W	5	TH-50PX600B
R8172	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-50PX600B
R8173	EXB38V560J	RESISTOR ARRAY	1	TH-50PX600B
R8175,76	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-50PX600B
R8183	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-50PX600B
R8184	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-50PX600B
R8187	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-50PX600B
R8188	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-50PX600B
R8193	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-50PX600B
R8195,96	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-50PX600B
R8201-04	ERJ2GEJ103	M 10KOHM, J,0.063W	4	TH-50PX600B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8215	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-50PX600B
R8216,17	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-50PX600B
R8218,19	D1HG33080001	NETWORK RESISTER	2	TH-50PX600B
R8220-22	D1HG5608A002	NETWORK RESISTER	3	TH-50PX600B
R8223	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-50PX600B
R8224,25	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-50PX600B
R8226	ERJ2GEJ330	M 33 OHM, J,0.063W	1	TH-50PX600B
R8232-43	ERJ2GEJ330	M 33 OHM, J,0.063W	12	TH-50PX600B
R8244	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-50PX600B
R8245,46	ERJ2GEJ330	M 33 OHM, J,0.063W	2	TH-50PX600B
R8250	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-50PX600B
R8252-54	ERJ2GEJ330	M 33 OHM, J,0.063W	3	TH-50PX600B
R8255	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-50PX600B
R8256	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	TH-50PX600B
R8257	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-50PX600B
R8259	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-50PX600B
R8260-63	ERJ2GEJ560	M 56 OHM, J,0.063W	4	TH-50PX600B
R8264-68	ERJ2GEJ103	M 10KOHM, J,0.063W	5	TH-50PX600B
R8269	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-50PX600B
R8271	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-50PX600B
R8272	EXB38V560J	RESISTOR ARRAY	1	TH-50PX600B
R8273	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-50PX600B
R8275	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-50PX600B
R8277	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-50PX600B
R8279	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-50PX600B
R8282	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-50PX600B
R8284	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-50PX600B
R8286,87	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-50PX600B
R8290	EXB38V560J	RESISTOR ARRAY	1	TH-50PX600B
R8291,92	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-50PX600B
R8310-15	ERJ3EKF75R0	M 0.75HM, 1/16W	6	TH-50PX600B
R8319	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	TH-50PX600B
R8320	ERJ3EKF1002	M 10KOHM, 1/16W	1	TH-50PX600B
R8321	ERJ3EKF8201	M 8.2KOHM, 1/16W	1	TH-50PX600B
R8349	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-50PX600B
R8350	ERJ3EKF8201	M 8.2KOHM, 1/16W	1	TH-50PX600B
R8351	ERJ3EKF1002	M 10KOHM, 1/16W	1	TH-50PX600B
R8352	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	TH-50PX600B
R8353	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	TH-50PX600B
R8354	ERJ2GEJ272	M 2.7KOHM, J,0.063W	1	TH-50PX600B
R8355,56	EXB2HV104JV	RESISTOR ARRAY	2	TH-50PX600B
R8357,58	ERJ2GEJ473	M 47KOHM,J,0.063W	2	TH-50PX600B
R8366	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-50PX600B
R8367,68	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-50PX600B
R8372-76	ERJ2GEJ560	M 56 OHM, J,0.063W	5	TH-50PX600B
R8401	ERJ8GEY0R00	M 0 OHM, 1/8W	1	TH-50PX600B
R8402	ERJ6GEY0R00	M 0 OHM, 1/10W	1	TH-50PX600B
R8403	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-50PX600B
R8404,05	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-50PX600B
R8406	ERJ8RSJR10	M 1 OHM, 1/8W	1	TH-50PX600B
R8407	ERJ2GEJ333	M 33KOHM, J,0.063W	1	TH-50PX600B
R8414	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-50PX600B
R8415,16	ERJ2GEJ223	M 22KOHM, J,0.063W	2	TH-50PX600B
R8417,18	EXB38V473J	RESISTOR ARRAY	2	TH-50PX600B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8419,20	EXB38V101J	RESISTOR ARRAY	2	TH-50PX600B
R8421	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-50PX600B
R8422	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-50PX600B
R8423	ERJ2GEJ821	M 820 OHM, J,0.063W	1	TH-50PX600B
R8425,26	EXB38V101J	RESISTOR ARRAY	2	TH-50PX600B
R8427-31	ERJ2GEJ560	M 56 OHM, J,0.063W	5	TH-50PX600B
R8433,34	EXB38V560J	RESISTOR ARRAY	2	TH-50PX600B
R8443	EXB38V560J	RESISTOR ARRAY	1	TH-50PX600B
R8444	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-50PX600B
R8445,46	ERJ2GEJ151	M 150 OHM, J,0.063W	2	TH-50PX600B
R8447	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-50PX600B
R8448	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-50PX600B
R8449,50	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-50PX600B
R8451	EXB38V104J	RESISTOR ARRAY	1	TH-50PX600B
R8452	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-50PX600B
R8453	EXB38V104J	RESISTOR ARRAY	1	TH-50PX600B
R8454	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-50PX600B
R8456-59	EXB38V560J	RESISTOR ARRAY	4	TH-50PX600B
R8460	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-50PX600B
R8461	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-50PX600B
R8462,63	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-50PX600B
R8464	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-50PX600B
R8465	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-50PX600B
R8466	EXB38V560J	RESISTOR ARRAY	1	TH-50PX600B
R8467,68	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-50PX600B
R8469	EXB38V151J	RESISTOR ARRAY	1	TH-50PX600B
R8474	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-50PX600B
R8475,76	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-50PX600B
R8477,78	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-50PX600B
R8479	ERJ2GEJ203	M 20KOHM,J,0.063W	1	TH-50PX600B
R8480-82	ERJ2GEJ560	M 56 OHM, J,0.063W	3	TH-50PX600B
R8483	ERJ2GEJ203	M 20KOHM,J,0.063W	1	TH-50PX600B
R8484	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-50PX600B
R8485	ERJ2GEJ333	M 33KOHM, J,0.063W	1	TH-50PX600B
R8486	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-50PX600B
R8487	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-50PX600B
R8488	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-50PX600B
R8489	ERJ2GEJ102	M 1KOHM, J,0.063W	1	TH-50PX600B
R8491	ERJ3EKF9102	M91.0KOHM, 1/16W	1	TH-50PX600B
R8492	ERJ3EKF1802	M 18KOHM, 1/16W	1	TH-50PX600B
R8493	ERJ3EKF9102	M91.0KOHM, 1/16W	1	TH-50PX600B
R8494	ERJ3EKF9101	M 9.1KOHM, 1/16W	1	TH-50PX600B
R8495	EXB38V151J	RESISTOR ARRAY	1	TH-50PX600B
R8496	EXB38V560J	RESISTOR ARRAY	1	TH-50PX600B
R8497	ERJ3EKF3300	M 330 OHM, 1/16W	1	TH-50PX600B
R8498	ERJ3EKF2200	M 220 OHM, 1/16W	1	TH-50PX600B
R8499	ERJ3EKF2432	M24.3KOHM, 1/16W	1	TH-50PX600B
R8500	ERJ3EKF1052	M10.5KOHM, 1/16W	1	TH-50PX600B
R8501	ERJ3EKF5601	M 5.6KOHM, 1/16W	1	TH-50PX600B
R8502	ERJ3EKF2402	M 24KOHM, 1/16W	1	TH-50PX600B
R8503,04	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-50PX600B
R8505	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-50PX600B
R8538,39	ERJ2GEJ101	M 100 OHM, J,0.063W	2	TH-50PX600B
R8546	ERJ2GEJ333	M 33KOHM, J,0.063W	1	TH-50PX600B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8547	ERJ2GEJ102	M 1KOHM, J,0.063W	1	TH-50PX600B
R8601	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-50PX600B
R8602-04	ERJ2GEJ101	M 100 OHM, J,0.063W	3	TH-50PX600B
R8605,06	ERJ2GEJ104	M 100KOHM, J,0.063W	2	TH-50PX600B
R8608	ERJ2GEJ105	M 1MOHM, J,0.063W	1	TH-50PX600B
R8610	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	TH-50PX600B
R8611	ERJ6GEY0R00	M 0 OHM, 1/10W	1	TH-50PX600B
R8614	ERJ2GEJ221	M 220 OHM, J,0.063W	1	TH-50PX600B
R8615	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-50PX600B
R8701-08	ERJ2GEJ560	M 56 OHM, J,0.063W	8	TH-50PX600B
R8729-36	ERJ2GEJ103	M 10KOHM, J,0.063W	8	TH-50PX600B
R8827,28	ERJ2GEJ392	M 3.9KOHM, J,0.063W	2	TH-50PX600B
R8831,32	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-50PX600B
R8862-64	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	TH-50PX600B
R8899,00	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-50PX600B
R8912	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-50PX600B
R8927	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-50PX600B
R8930	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-50PX600B
R8931,32	ERJ2GEJ392	M 3.9KOHM, J,0.063W	2	TH-50PX600B
R8933,34	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-50PX600B
R8936	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-50PX600B
R8954	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-50PX600B
R8960	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-50PX600B
R8962-64	ERJ2GEJ101	M 100 OHM, J,0.063W	3	TH-50PX600B
R8967,68	EXB2HV473JV	RESISTOR ARRAY	2	TH-50PX600B PAVCCZ
R8969-71	ERJ2GEJ473	M 47KOHM,J,0.063W	3	TH-50PX600B
R9060-67	ERJ3GEYJ101	M 100 OHM,J,1/16W	8	
R9070	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9074	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9076	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9095	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9097	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9099	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9100,01	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9102	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9106	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9107	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9108,09	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9110	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9111	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9113	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9120	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9121	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9127	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9129	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R9134	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R9140	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9141-45	ERJ3GEYJ101	M 100 OHM,J,1/16W	5	
R9148	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9149	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9150,51	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9152,53	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9154,55	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9156-59	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9160,61	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9164-66	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9167,68	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R9169	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9170-72	ERJ3GEYJ393	M 39KOHM,J,1/16W	3	
R9173-75	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9177	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9178	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9179	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9180	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9181-84	ERJ3GEYJ102	M 1KOHM,J,1/16W	4	
R9185,86	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9187,88	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9189,90	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9192	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9193	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9194	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9196	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9198	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9199	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9201,02	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9203	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9204,05	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9206,07	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9209	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9210	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9215	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R9217-22	ERJ3GEYJ103	M 10KOHM,J,1/16W	6	
R9236	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9237	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9244,45	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R9247,48	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9300,01	ERJ3GEYJ820	M 82 OHM,J,1/16W	2	
R9302,03	D1HG8208A002	NETWORK RESISTER	2	
R9304,05	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9306,07	EXB38V820J	RESISTOR ARRAY	2	
R9308	D1HG8208A002	NETWORK RESISTER	1	
R9309,10	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9311,12	ERJ3GEYJ820	M 82 OHM,J,1/16W	2	
R9313,14	D1HG8208A002	NETWORK RESISTER	2	
R9315,16	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9318	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9319	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9320	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9367	ERJ3GEYJ181	M 180 OHM,J,1/16W	1	
R9371	EXB2HV470JV	RESISTOR ARRAY	1	
R9372	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9373	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9374	EXB38V470J	RESISTOR ARRAY	1	
R9375	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9389-91	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9393-95	D1HG8208A002	NETWORK RESISTER	3	
R9396,97	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9398	EXB38V820J	RESISTOR ARRAY	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9404	EXB2HV470JV	RESISTOR ARRAY	1	
R9412-21	EXB38V470J	RESISTOR ARRAY	10	
R9428	EXB38V103J	RESISTOR ARRAY	1	
R9430	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9433	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9437,38	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9440	EXB2HV470JV	RESISTOR ARRAY	1	
R9441	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9442	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9443	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9444	D1HG8208A002	NETWORK RESISTER	1	
R9445	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9446	EXB38V820J	RESISTOR ARRAY	1	
R9448	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9449,50	D1HG8208A002	NETWORK RESISTER	2	
R9451,52	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9453-57	D1HG8208A002	NETWORK RESISTER	5	
R9458,59	ERJ3GEYJ820	M 82 OHM,J,1/16W	2	
R9460,61	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9462,63	EXB38V820J	RESISTOR ARRAY	2	
R9464,65	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9466,67	ERJ3GEYJ820	M 82 OHM,J,1/16W	2	
R9468	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9469	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9470	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9471	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9472	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9475	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9480	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9482-85	ERJ3EKF1001	M 1KOHM, 1/16W	4	
R9486	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9487	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9488	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9489-95	ERJ3GEYJ470	M 47 OHM,J,1/16W	7	
R9496	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9497	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9498	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9506	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9507	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9512	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9514	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9515	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9523	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9525	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9526	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9527,28	EXB2HV272JV	RESISTOR ARRAY	2	
R9529,30	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9531-33	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R9534	EXB38V470J	RESISTOR ARRAY	1	
R9535,36	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R9537	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9539	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9542	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	
R9543,44	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9545	ERJ3GEYJ304V	M 300KOHM,J,1/16W	1	
R9546	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9548-50	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9552-54	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R9556	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9560	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9574	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9578	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9580-83	ERJ3EKF1001	M 1KOHM, 1/16W	4	
R9584	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9585,86	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R9587-95	EXB38V470J	RESISTOR ARRAY	9	
R9596-99	ERJ3GEYJ470	M 47 OHM,J,1/16W	4	
R9602	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9616	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9619,20	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9622	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9624,25	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9628	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9630	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9631	EXB2HV272JV	RESISTOR ARRAY	1	
R9632-34	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R9637	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9639	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9641	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9643	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9645	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9800	ERJ3EKF1302	M 23KOHM, 1/16W	1	
R9801	ERJ3EKF2402	M 24KOHM, 1/16W	1	
R9802	ERJ3EKF6202	M 62KOHM, 1/16W	1	
R9803	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9804	ERJ3EKF2402	M 24KOHM, 1/16W	1	
R9805	ERJ3EKF3002	M 30KOHM, 1/16W	1	
R9806	ERJ3EKF3902	M 39KOHM, 1/16W	1	
R9807	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9808	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9810	ERJ3EKF3001	M 3KOHM, 1/16W	1	
R9813	ERJ3EKF2401	M 2.4KOHM, 1/16W	1	
R9814	ERJ3EKF6802	M 68KOHM, 1/16W	1	
R9815	ERJ3EKF2202	M 22KOHM, 1/16W	1	
R9816	ERJ3EKF8202	M 82KOHM, 1/16W	1	
R9821	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9823-28	ERJ3GEYJ101	M 100 OHM,J,1/16W	6	
R9830,31	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9838,39	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R9840	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9841	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9842-44	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	
R9845	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9846,47	EXB2HV272JV	RESISTOR ARRAY	2	
R9848,49	EXB2HV470JV	RESISTOR ARRAY	2	
R9850	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9854	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9859	EXB38V101J	RESISTOR ARRAY	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9868	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9869-71	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9872	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9875-77	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9878	ERJ3EKF3902	M 39KOHM, 1/16W	1	
R9879	ERJ3EKF2002	M 20KOHM, 1/16W	1	
R9880	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R9883	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9884	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9891	ERJ3EKF4702	M 47KOHM, 1/16W	1	
R9892	ERJ3EKF1502	M 15KOHM, 1/16W	1	
R9893	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R9896	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9897	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
RM2501	PNA4701M05TV	REMOTE RECEIVER	1	
RTL	TNPA3740AC	CIRCUIT BOARD XV	1	TH-50PX600B PAVCCZ ⚠
RTL	TNPA3756CA	CIRCUIT BOARD DG	1	TH-50PV600E PAVCCZ ⚠
RTL	TNPA3756CG	CIRCUIT BOARD DG	1	TH-50PX600B PAVCCZ ⚠
RTL	TNPA3759	CIRCUIT BOARD H	1	PAVCCZ ⚠
RTL	TNPA3766	CIRCUIT BOARD HC	1	PAVCCZ ⚠
RTL	TNPA3767	CIRCUIT BOARD TA	1	TH-50PV600E PAVCCZ ⚠
RTL	TNPA3767AB	CIRCUIT BOARD TA	1	TH-50PX600B PAVCCZ ⚠
RTL	TXNPA1BETB	CIRCUIT BOARD PA	1	PAVCCZ ⚠
RTL	ETXMM610MEF	CIRCUIT BOARD P	1	⚠
RTL	TXNC11BETB	CIRCUIT BOARD C1	1	PAVCCZ ⚠
RTL	TXNC21BETB	CIRCUIT BOARD C2	1	PAVCCZ ⚠
RTL	TXNC31BETB	CIRCUIT BOARD C3	1	PAVCCZ ⚠
RTL	TXNC41BETB	CIRCUIT BOARD C4	1	PAVCCZ ⚠
RTL	TXNC51BETB	CIRCUIT BOARD C5	1	PAVCCZ ⚠
RTL	TXNC61BETB	CIRCUIT BOARD C6	1	PAVCCZ ⚠
RTL	TZTNP01BETB	CIRCUIT BOARD D	1	⚠
RTL	TXNSC1BETB	CIRCUIT BOARD SC	1	PAVCCZ ⚠
RTL	TXNSD1BETB	CIRCUIT BOARD SD	1	PAVCCZ ⚠
RTL	TXNSS21BETB	CIRCUIT BOARD SS2	1	PAVCCZ ⚠
RTL	TXNSS1BETB	CIRCUIT BOARD SS	1	PAVCCZ ⚠
RTL	TXNSS31BETB	CIRCUIT BOARD SS3	1	PAVCCZ ⚠
RTL	TXNSU1BETB	CIRCUIT BOARD SU	1	PAVCCZ ⚠
RTL	TXN/G1BJTB	CIRCUIT BOARD G	1	PAVCCZ ⚠
RTL	TXNGK1BJTB	CIRCUIT BOARD GK	1	PAVCCZ ⚠
RTL	TXN/K1BJTB	CIRCUIT BOARD K	1	TH-50PX600B PAVCCZ ⚠
RTL	TXN/K1BJTE	CIRCUIT BOARD K	1	TH-50PV600E PAVCCZ ⚠
RTL	TXNGS1BETB	CIRCUIT BOARD GS	1	PAVCCZ ⚠
RTL	RD-SD0010P	SD MODULE	1	PAVCCZ ⚠

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
RTL	TXN/S1BJTB	CIRCUIT BOARD S	1	PAVCCZ ⚠
S1	K1KA03BA0061	3P CONNECTOR	1	
SC2	K1KA02A00626	2P CONNECTOR	1	
SC20	K1KA20AA0008	20P CONNECTOR	1	
SC23	K1KA03AA0193	3P CONNECTOR	1	
SC30	K1KA08AA0192	8P CONNECTOR	1	
SC41,42	K1ML80B00001	80P CONNECTOR	2	
SC45,46	K1KA09A00239	9P CONNECTOR	2	
SCMM2,M3	TMME260	CLAMPER	2	
SD1-D4	K1MN96B00006	96P CONNECTOR	4	
SD46	K1KB09A00045	9P CONNECTOR	1	
SS11	K1KA02A00626	2P CONNECTOR	1	
SS12	K1KA10AA0194	10P CONNECTOR	1	
SS20,21	K1KA07A00170	7P CONNECTOR	2	
SS22,23	K1KB07AA0087	7P CONNECTOR	2	
SS33	K1KA04AA0193	4P CONNECTOR	1	
SS34	K1KA03AA0193	3P CONNECTOR	1	
SS43	K1KA12AA0194	12P CONNECTOR	1	
SS44	K1KA04AA0193	4P CONNECTOR	1	
SS51-56	K1MN13B00020	13P CONNECTOR	6	
SU1-U4	K1MN96B00006	96P CONNECTOR	4	
SU45	K1KB09A00045	9P CONNECTOR	1	
SW2500	K0F162B00002	SWITCH	1	
SW3753-57	EVQ11G05R	SWITCH	5	
T6602	ETS25AZ149AD	TRANS	1	
TA5	K1KB15B00013	15P CONNECTOR	1	
TA6	K1KB09B00019	9P CONNECTOR	1	
TU001	ENG37A12GF	TUNER	1	TH-50PV600E ⚠
TU001	ENGF7301GF	TUNER	1	TH-50PX600B PAVCCZ ⚠
TU8001	ENV57M01D8F	TUNER	1	TH-50PX600B PAVCCZ ⚠
VR6000	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
VR6600	EVMEASA00B13	CONTROL 1KOHMB 0.3W	1	
VR6602	EVMEASA00B53	CONTROL 5KOHMB 0.3W	1	
X1100	H0J100500030	CRYSTAL	1	
X1101	H0J327200114	CRYSTAL	1	
X2101	H0J184500027	CRYSTAL	1	
X4004	H0J270500087	CRYSTAL	1	
X4006	H0J202500016	CRYSTAL	1	
X8003	H0J241500003	CRYSTAL	1	TH-50PX600B PAVCCZ
X8006	H0J270500090	CRYSTAL	1	TH-50PX600B PAVCCZ
X9000	H2D200500011	CRYSTAL	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
X9500	H0J200500038	CRYSTAL	1	
XV01	K1KAB0A00011	CONNECTOR	1	TH-50PX600B
ZA2101-08	TESA169	SHIELD CLIP	8	
ZA2300,01	K4CZ01000027	COMPATIBLE WITH JALCO K9	2	
ZA3401-05	K4CZ01000027	COMPATIBLE WITH JALCO K9	5	
ZA3701	K4CD01000013	TERMINAL	1	
ZA4001,02	K4CD08000002	TERMINAL	2	
ZA6001-03	K4CD01000011	TERMINAL	3	
ZA6401-03	K4CD01000011	TERMINAL	3	
ZA7101-05	K4CD01000013	TERMINAL	5	
ZA7201-05	K4CD01000013	TERMINAL	5	
ZA7301-05	K4CD01000013	TERMINAL	5	
ZA7401-05	K4CD01000013	TERMINAL	5	
ZA7501-05	K4CD01000013	TERMINAL	5	
ZA7601-05	K4CD01000013	TERMINAL	5	
ZA9001	K4CD01000011	TERMINAL	1	
A101,02	RA362MSV7	ARRESTOR	2	⚠
C101	ECQU2A105ML	P 1UF, 250V	1	⚠
C102	ECQU2A224ML	P 0.22UF, 250V	1	⚠
C103,04	ECKENA221KBR	C 221P 250V	2	⚠
C106,07	MMXC2W105K	C 1P 450V	2	
C108	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C109	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C110	ECJ2XC1H471J	C 470PF, J, 50V	1	
C111	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C112	KZE1E470	C 470U 25V	1	
C113	ECJ2XC1H471J	C 470PF, J, 50V	1	
C114	ECJ2XC1H101J	C 100PF, J, 50V	1	
C115	ECQE6472B45	C 4700U 630V	1	
C116,17	KMQ2W221L	C 220U 450V	2	
C118	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C119	ECKDNA331KB7	C 330PF, Z,	1	⚠
C120	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C121	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C122,23	ECJ2FB1H104K	C 0.1UF, K, 50V	2	
C127	KMQ2W221L	C 220U 450V	1	
C128	TBB106K1A	C 10U 10V	1	
C129	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C201,02	KZE1E470	C 470U 25V	2	
C203,04	RR3DD101K7	C 100P 2KV	2	
C206	ECWH8473HV	P 0.047PF, J, 8KV	1	
C251	KMQ220901Z	C 900U 220V	1	
C253,54	KMQ220901Z	C 900U 220V	2	
C256,57	ECQE2473SKF	C 0.047U 250V	2	
C301	KZE1E470	C 470U 25V	1	
C302,03	RR3DD101K7	C 100P 2KV	2	
C305	ECWH8183HV	C 0.018UF 800V	1	
C306	KZE1E470	C 470U 25V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C351-53	KZE1E182S	C 1800UF 25V	3	
C354,55	ECQV1H474JL	P 0.47UF, J, 50V	2	
C356	KZE1E821L	C 8200UF 25V	1	
C357	TEB104K5	C 0.1UF 50V	1	
C358	KZE1E331S	C 330UF 25V	1	
C359	TEB104K5	C 0.1UF 50V	1	
C360	KZE1E101	C 100UF 25V	1	
C361	TEB104K5	C 0.1UF 50V	1	
C363	KZE1E821L	C 8200UF 25V	1	
C364	TEB104K5	C 0.1UF 50V	1	
C365	KZE2A270	C 27UF 100V	1	
C401	KZE2A270	C 27UF 100V	1	
C402	KZE2A471S	C 470UF 100V	1	
C404,05	KZE2A471S	C 470UF 100V	2	
C501	ECQU2A473ML	P 0.047UF, M,250V	1	⚠
C502,03	ECJ2FB1H104K	C 0.1UF, K, 50V	2	
C504	KZE1E101	C 100UF 25V	1	
C505	KZE1E470	C 470U 25V	1	
C506	KXG2W330	C 330UF 450V	1	
C508	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C509	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C510	KZE1H101	C 100UF 50V	1	
C514	KZE1E101	C 100UF 25V	1	
C515	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C551	ECKENA221KBR	C 220P 250V	1	⚠
C552	KZE1E331S	C 330UF 25V	1	
C555	TBB474K2	C 0.47UF 25V	1	
C556	KZE1E101	C 100UF 25V	1	
C557	TBB475K1	C 4.7UF 16V	1	
C558	KZE1A471	C 470UF 10V	1	
C559-61	TEB104K5	C 0.1UF 50V	3	
D101,02	MA111	DIODE	2	
D104	S3V60	DIODE	1	
D107	MA111	DIODE	1	
D109	ERA15-10	DIODE	1	
D201,02	MA165	DIODE	2	
D203,04	MA728	DIODE	2	
D251	YG901C3R	DIODE	1	
D252	MA111	DIODE	1	
D253-55	YG901C3R	DIODE	3	
D301,02	MA165	DIODE	2	
D303,04	MA728	DIODE	2	
D351,52	YG805C06R	DIODE	2	
D355	AG01A	DIODE	1	
D401	YG901C3R	DIODE	1	
D402	AG01	DIODE	1	
D403	YG901C3R	DIODE	1	
D501	S1WBA80	DIODE	1	⚠
D502,03	ERA22-10	DIODE	2	
D505	MA111	DIODE	1	
D506	ST3D82	DIODE	1	
D508	AG01A	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D511	ERA91-02	DIODE	1	
D551	RK39	DIODE	1	
D554	MA165	DIODE	1	
D555	MA111	DIODE	1	
D556	MA165	DIODE	1	
F201	216005BP	FUSE 250V 5A	1	⚠
F301	216005BP	FUSE 250V 5A	1	⚠
F501	216002BP	FUSE 250V 2A	1	⚠
IC101	FA5502P	CONTROL	1	
IC401	AN1431T	LINEAR IC	1	
IC501	MIP3E30MP	CONTROL	1	⚠
K101	DG12D1-0	RELAY	1	⚠
K102	DLS12D1-0	RELAY	1	⚠
L101,02	P3180207Z	CHOKE COIL	2	⚠
L103	ETB44CZ129AD	TRANS	1	
L104	EXCELSR35T	BEAD CHOKE	1	
L106	EXCELSR35T	BEAD CHOKE	1	
L108	EXCELSR35T	BEAD CHOKE	1	
L352,53	EXCELDR35C	BEAD CHOKE	2	
L501	EXCELSA35	BEAD CHOKE	1	
L502	EXCELDR35C	BEAD CHOKE	1	
MC101	MP00P7	MODULE	1	⚠
MC201	MLZNC101	MODULE	1	⚠
MC202	MP00R1	MODULE	1	⚠
MC301	MLZNC221	MODULE	1	⚠
MC502	MLWNB103	MODULE	1	⚠
MC601	MLSZA100	MODULE	1	⚠
MC701	MLZDC103	MODULE	1	⚠
P2	B2P3-VH-B	CONNECTOR	1	
P5	B11B-PH-KS	CONNECTOR	1	
P9	B3P4VH-B-L	CONNECTOR	1	⚠
P10	B6B-PH-KS	CONNECTOR	1	
P11	B2P3-VH-B	CONNECTOR	1	
P12	B10B-PH-KS	CONNECTOR	1	
P23	B3B-PH-KS	CONNECTOR	1	
P25	B20B-PHDSS	CONNECTOR	1	
PC503	PS2581A	PHOTO CAPLER	1	⚠
PC505,06	PS2581A	PHOTO CAPLER	2	⚠
Q103	2SD2185	TRANSISTOR	1	
Q104	2SB1440	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q106	2SD1819A	TRANSISTOR	1	
Q301,02	2SK3568	FET	2	⚠
Q351,52	2SK3813	FET	2	
Q353,54	2SB1218A	TRANSISTOR	2	
Q401	2SA1699	TRANSISTOR	1	
Q402	2SK3302	FET	1	
Q403	2SD601A	TRANSISTOR	1	
Q404,05	2SK2391	FET	2	
Q406	2SD601A	TRANSISTOR	1	
Q501	2SK3302	FET	1	
Q502	2SK2731T	FET	1	
Q551,52	HAT1130R	FET	2	
Q553	2SB710A	TRANSISTOR	1	
R101	ERC12UGK185	S 1.8MOHM, K,1/2W	1	
R103	R5B100J	W 10 OHM, J, 5W	1	
R104-06	ERJ6ENF1213	M 121KOHM, 1/10W	3	
R107	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R108	ERJ6ENF1213	M 121KOHM, 1/10W	1	
R109-11	RF5EJR18B	F 0.18OHM, J, 5W	3	
R113	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R114	ERJ6ENF2701	M 2.7KOHM, 1/10W	1	
R115	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R116	ERJ12YJ470	M 47 OHM, J,1/2W	1	
R117	ERJ12YJ330	M 33 OHM,J, 1/2W	1	
R118	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R119	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R120	ERJ12YJ470	M 47 OHM, J,1/2W	1	
R122	ERJ6GEYJ154	M 150KOHM,J,1/10W	1	
R123	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R125	ERJ12YJ470	M 47 OHM, J,1/2W	1	
R127-29	ERJ6GEYJ183	M 18KOHM,J,1/10W	3	
R130	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R131	ER0S2CKF4993	M 499KOHM, F,1/4W	1	
R132,33	ERJ6ENF2493	M 249KOHM, 1/10W	2	
R134	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R135	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R136	ERJ6ENF3162	M31.6KOHM, 1/10W	1	
R137	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R138	ERJ6GEYJ474	M 470KOHM,J,1/10W	1	
R139	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R140-42	ERJ6ENF5493	M 549KOHM, 1/10W	3	
R143	ERJ6ENF6041	M6.04KOHM, 1/10W	1	
R144	ERJ6ENF6191	M6.19KOHM, 1/10W	1	
R145	ERJ6GEYJ204	M 200KOHM,J,1/10W	1	
R146	ERJ6GEYJ684	M 680KOHM,J,1/10W	1	
R147	ERJ6GEYJ393	M 39KOHM,J,1/10W	1	
R149	ERJ6GEYJ393	M 39KOHM,J,1/10W	1	
R150,51	ERJ6ENF2493	M 249KOHM, 1/10W	2	
R201,02	ERJ12YJ221U	M 220 OHM,J, 1/2W	2	
R203,04	ERJ12YJ220	M 22 OHM,J, 1/2W	2	
R205-07	ERJ12YJ683	M 68KOHM, 1/2W	3	
R208,09	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R210	ERX12SJ1R0	M 0.1 OHM, J,1/2W	1	

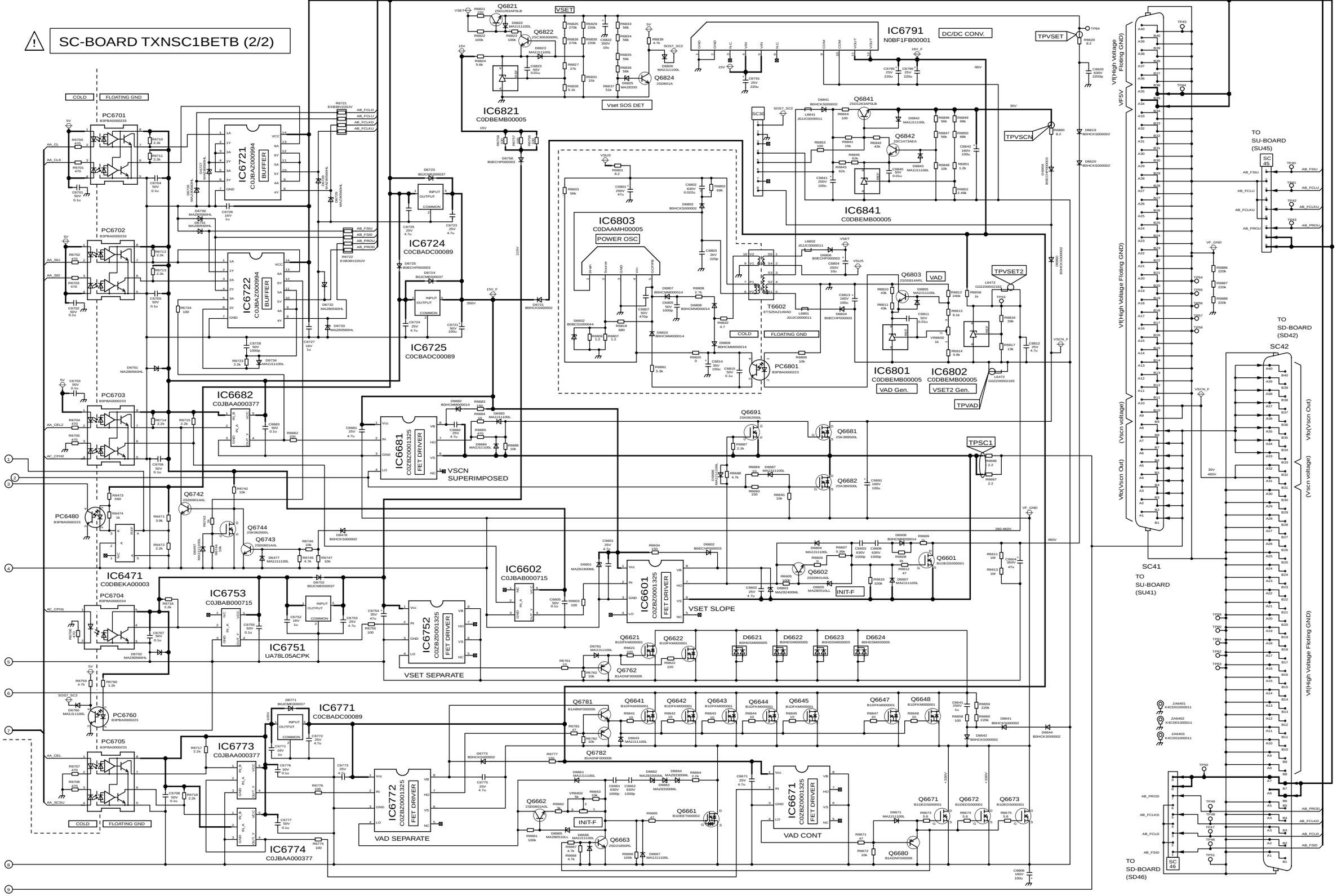
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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R251,52	ERG2SJ183H	M 18KOHM, J, 2W	2	
R253-55	ERJ6GEYJ114	M 110KOHM,J,1/10W	3	
R256,57	ERJ6GEYJ682	M 6.8KOHM,J,1/10W	2	
R258-61	ERJ6ENF6192	M61.9KOHM, 1/10W	4	
R262	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R301,02	ERJ12YJ101	M 100 OHM,J, 1/2W	2	
R303,04	ERJ12YJ220	M 22 OHM,J, 1/2W	2	
R305-07	ERJ12YJ683	M 68KOHM,J, 1/2W	3	
R308,09	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R310	ERX12SJ1R0	M 0.1 OHM, J,1/2W	1	
R351	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R353	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R354	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R356,57	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R358	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R359,60	ERJ6GEYJ223	M 22KOHM,J,1/10W	2	
R361	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R362	ERDS2TJ101	C 100 OHM, J,1/4W	1	
R363	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R364	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R365-67	ERJ6GEYJ223	M 22KOHM,J,1/10W	3	
R368	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R369,70	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	2	
R371	ERJ6ENF1622	M16.2KOHM, 1/10W	1	
R372	ERJ6GEYJ1R0	M 1 OHM,J,1/10W	1	
R373	ERDS2TJ471	C 470 OHM, J,1/4W	1	
R401	ERJ12YJ100	M 10 OHM,J, 1/2W	1	
R402,03	ERJ12YJ104U	M 100KOHM, 1/2W	2	
R404	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R405,06	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R407	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R408	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R409	ERG2SJ682	M 6.8KOHM, J, 2W	1	
R410	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R412	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R413	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R414-17	ERJ6GEYJ123	M 12KOHM,J,1/10W	4	
R418	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R420	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R421	ERJ6ENF4751	M4.75KOHM, 1/10W	1	
R422	ERJ6ENF1581	M1.58KOHM, 1/10W	1	
R423,24	ERJ6ENF7152	M71.5KOHM, 1/10W	2	
R425	ERJ6ENF3002	M 30KOHM, 1/10W	1	
R426	RF2EJR47B	W0.47 OHM, J, 2W	1	
R428	ERJ6ENF6342	M6.34KOHM, 1/10W	1	
R429	ERJ6ENF5362	M5.36KOHM, 1/10W	1	
R430	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R474	ERJ6ENF1052	M10.5KOHM, 1/10W	1	
R477-80	ERJ6ENF1052	M10.5KOHM, 1/10W	4	
R501	ERJ12YJ474	M 470KOHM, 1/2W	1	
R503	ERJ12YJ474	M 470KOHM, 1/2W	1	
R505	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R507,08	ERJ6GEYJ334	M 330KOHM,J,1/10W	2	
R509-12	ERJ6ENF8253	M 825KOHM, 1/10W	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R514,15	ERJ6ENF8253	M 825KOHM, 1/10W	2	
R518	ERJ12YJ100	M 10 OHM,J, 1/2W	1	
R519	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R528,29	ERJ6ENF2703	M 270KOHM, 1/10W	2	
R530	ER0S2TKF5363	M 536KOHM, F,1/4W	1	
R531	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R560	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R561	ERDS2TJ332	C 3.3KOHM, J,1/4W	1	
R563	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R564	ERJ6GEYJ391	M 390 OHM,J,1/10W	1	
R565	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R566	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R567	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R568	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R569,70	ERJ12YJ151	M 150 OHM,J, 1/2W	2	
R571	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R572,73	ERJ6ENF2703	M 270KOHM, 1/10W	2	
R574	ER0S2TKF5363	M 536KOHM, F,1/4W	1	
R580	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
RF101	A5MC100JP2	139C 10	1	⚠
T201	ETB57LZ156AD	TRANS	1	⚠
T301	ETB50LZ116AD	TRANS	1	⚠
T501	ETB25KA1C6AD	TRANS	1	⚠
VR251	EVMEASA01B54	VARIABLE RESISTOR	1	
VR351	EVMEASA01B14	VARIABLE RESISTOR	1	
VR401	EVMEASA01B34	VARIABLE RESISTOR	1	
Z101	TND14V751	VARISTOR	1	⚠
Z102	ERZVGAD471	VARISTOR	1	⚠
Z501	ERZVGAD471	VARISTOR	1	⚠
ZD101	MA8051	ZENER DIODE	1	
ZD351-54	MA8150	ZENER DIODE	4	
ZD405,06	MA4300N	ZENER DIODE	2	
ZD407	MA4120N	ZENER DIODE	1	
ZD408	MA8220	ZENER DIODE	1	
ZD501	MA8270	ZENER DIODE	1	
ZD502	MA4300N	ZENER DIODE	1	

17. Schematic Diagram for printing with A4

SC-BOARD TXNSC1BETB (2/2)



TH-50PV600E, TH-50PX600B SC-Board (2 of 2) Schematic Diagram

TH-50PV600E, TH-50PX600B SC-Board (2 of 2) Schematic Diagram

10 11 12 13 14 15 16 17 18

SD-BOARD TXNSD1BETB (1/2)

DOWN

To 1st 96pins of SCAN ELECTRODES

To 2nd 96pins of SCAN ELECTRODES

SD1

SD2

IC6951
AN16071A-VT
PDP SCAN DRIVER
S/P 64bit

IC6952
AN16071A-VT
PDP SCAN DRIVER
S/P 64bit

IC6953
AN16071A-VT
PDP SCAN DRIVER
S/P 64bit

Vf

Vfo

Vf5

Vscn

140V

D6953 B0ECHP000003

D6954 B0ECHP000003

D6952 MAZ8056GHL

COMPONENT SIDE (LOWER)

FOIL SIDE (UPPER)

Vfo(Vscn Out)

(Vscn voltage)

Vf(High Voltage Floting GND)

VF5V

VF5V

Vf(High Voltage Floting GND)

SD42(Card Edge 80Pin) TO SC-BOARD (SC42)

TH-50PV600E, TH-50PX600B
SD-Board (1 of 2) Schematic Diagram

TH-50PV600E, TH-50PX600B
SD-Board (1 of 2) Schematic Diagram

SD-BOARD TXNSD1BETB (2/2)

DOWN

To 3rd 96pins of SCAN ELECTRODES

To 4th 96pins of SCAN ELECTRODES

SD3

SD4

IC6954
AN16071A-VT
PDP SCAN DRIVER
S/P
64bit

IC6955
AN16071A-VT
PDP SCAN DRIVER
S/P
64bit

IC6956
AN16071A-VT
PDP SCAN DRIVER
S/P
64bit

Vf

Vfo

Vf5

Vf5

Vf

FSI

FCL

FCLK

PRO

TO
SC-BOARD
(SC46)

SS-BOARD TXNSS1BETB

S-BOARD
TXN/S1BJTB

SS2-BOARD
TXNSS21BETB

SS3-BOARD
TXNSS31BETB

TPVSUS

TP15V

TPVDA

TPSS1

TPVe

TPSOS8

IC6131
C0ZBZ0001324
FET DRIVER

IC6141
C0JBAZ000005
BUFFER

IC6191
C0ZBZ0000895
FET DRIVER

IC6211
C0ZBZ0001325
FET DRIVER

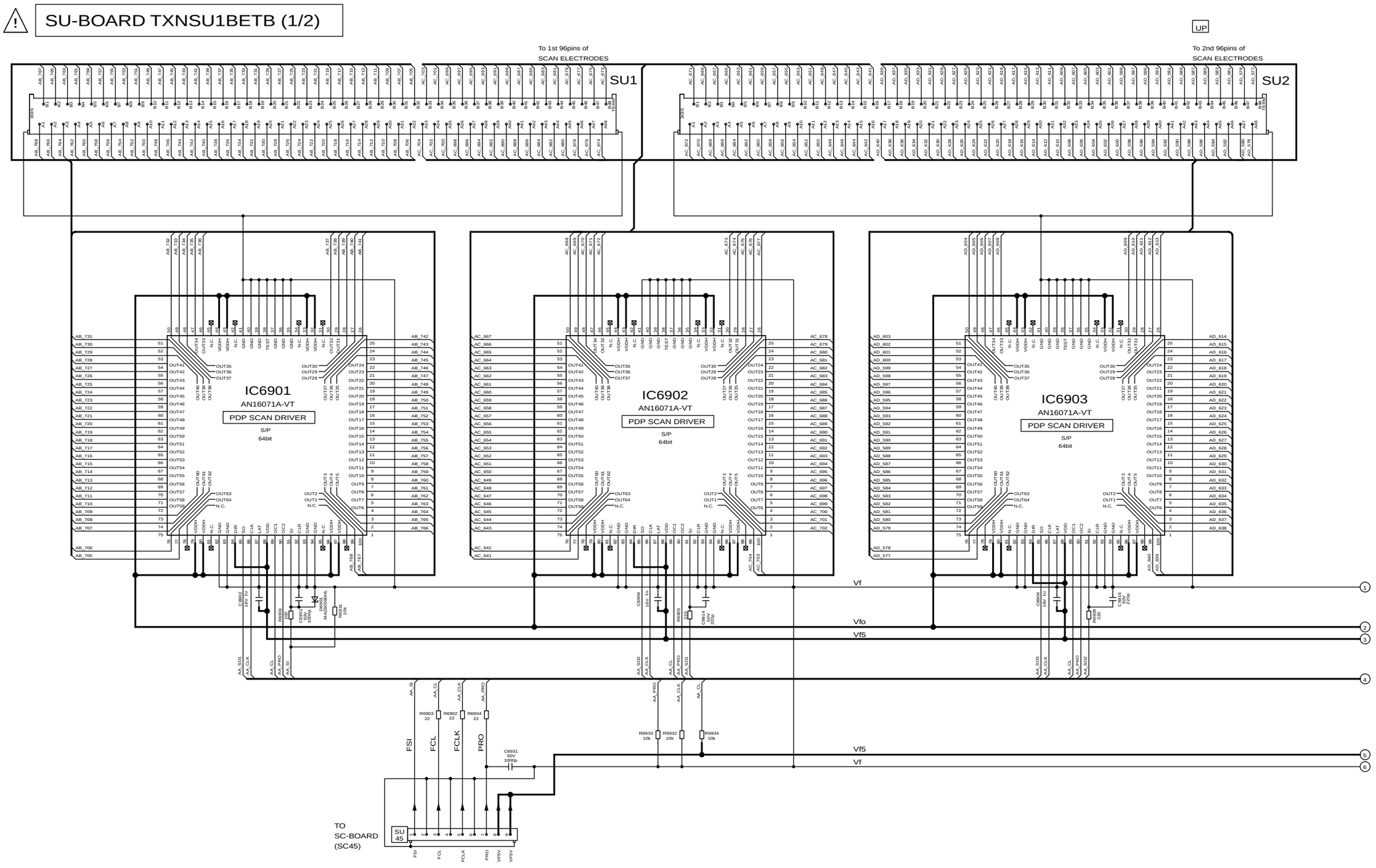
IC6221
C0DBEMB00002
VE GEN.

IC6251
C0BBBA000022
COMPARATOR

TH-50PV600E, TH-50PX600B
SS, S, SS2 and SS3-Board Schematic Diagram

TH-50PV600E, TH-50PX600B
SS, S, SS2 and SS3-Board Schematic Diagram

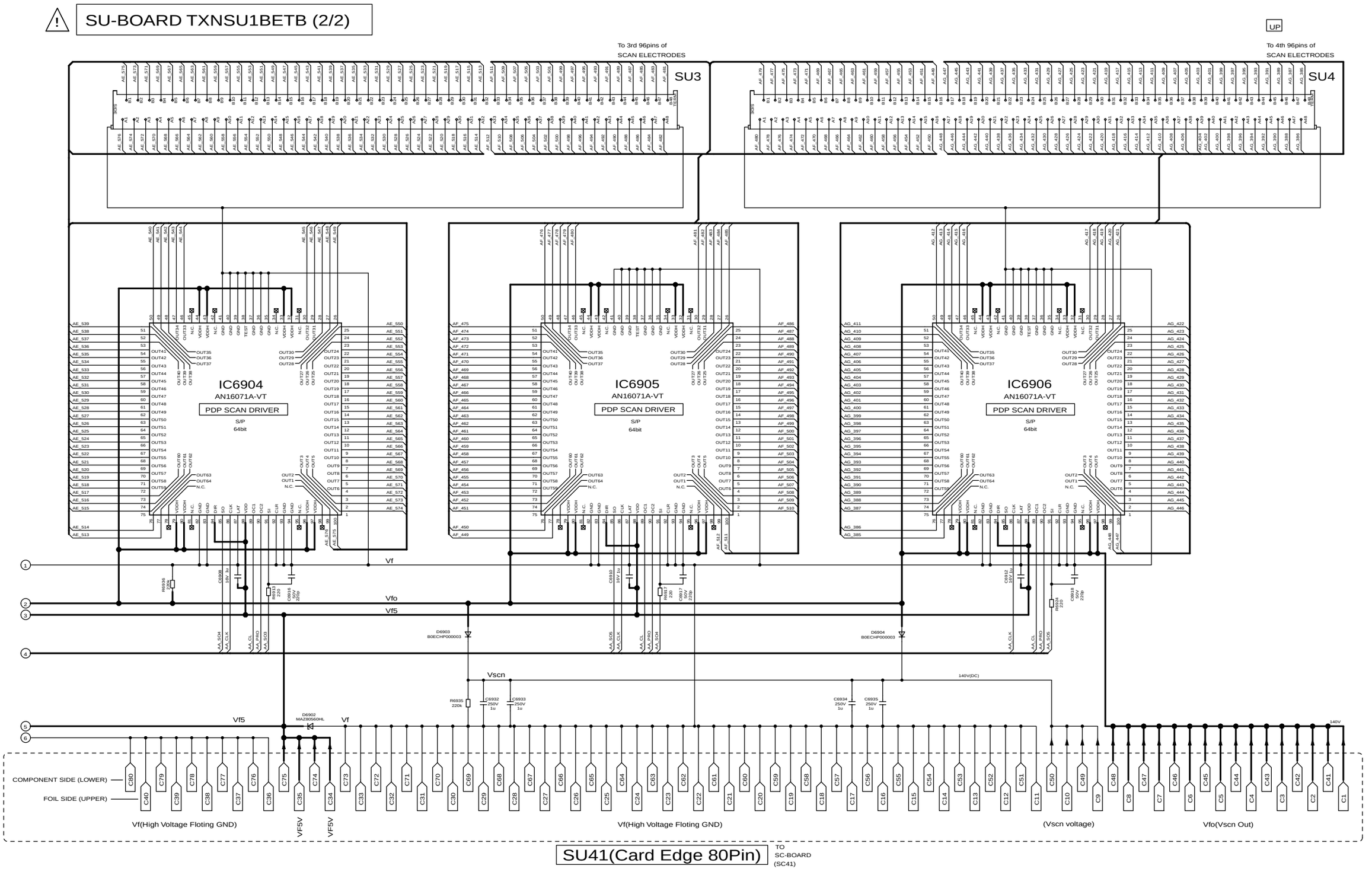
SU-BOARD TXNSU1BETB (1/2)



TH-50PV600E, TH-50PX600B
SU-Board (1 of 2) Schematic Diagram

TH-50PV600E, TH-50PX600B
SU-Board (1 of 2) Schematic Diagram

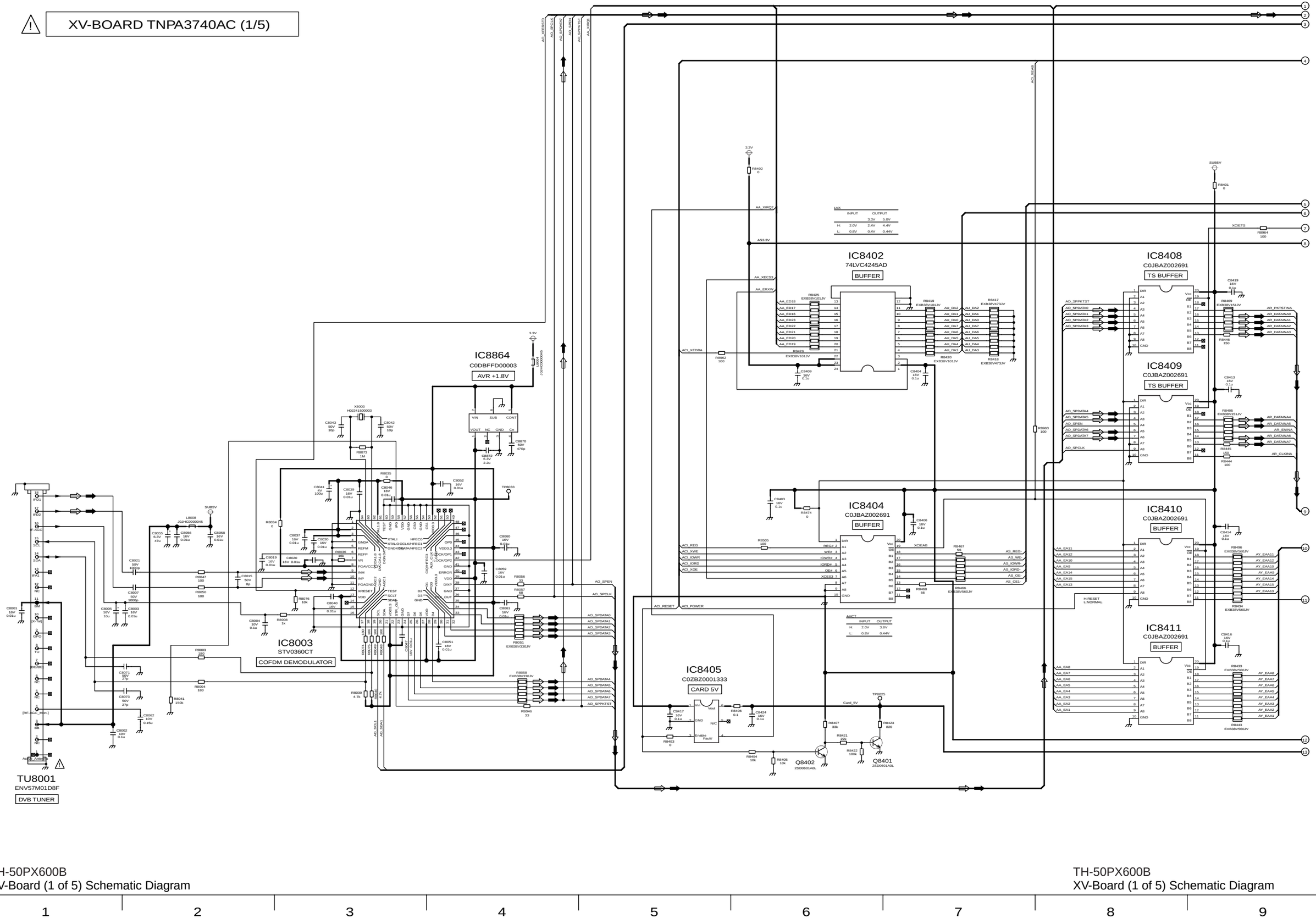
SU-BOARD TXNSU1BETB (2/2)



TH-50PV600E, TH-50PX600B
SU-Board (2 of 2) Schematic Diagram

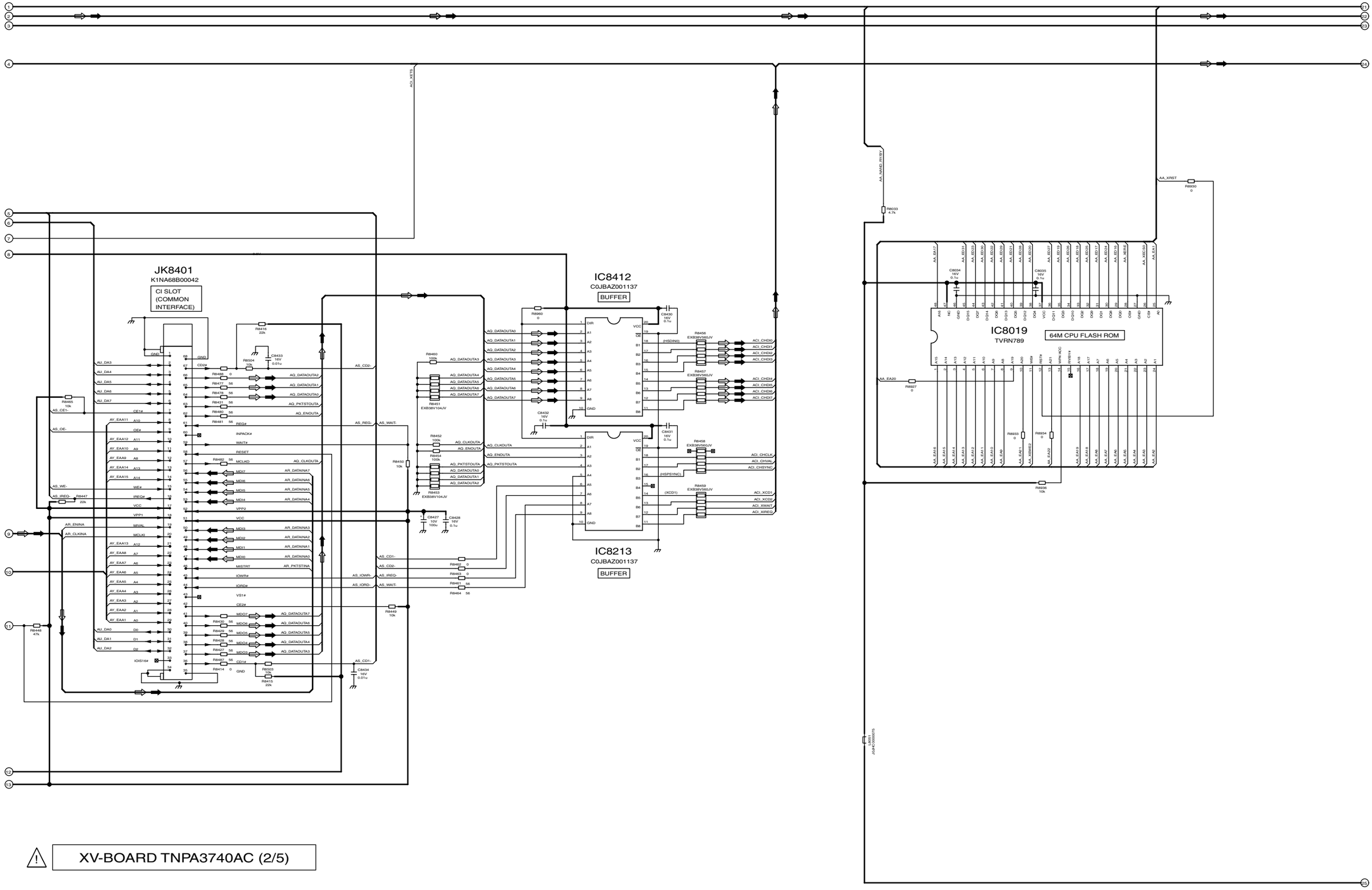
TH-50PV600E, TH-50PX600B
SU-Board (2 of 2) Schematic Diagram

XV-BOARD TNPA3740AC (1/5)



TH-50PX600B
XV-Board (1 of 5) Schematic Diagram

TH-50PX600B
XV-Board (1 of 5) Schematic Diagram



XV-BOARD TNPA3740AC (2/5)

TH-50PX600B
XV-Board (2 of 5) Schematic Diagram

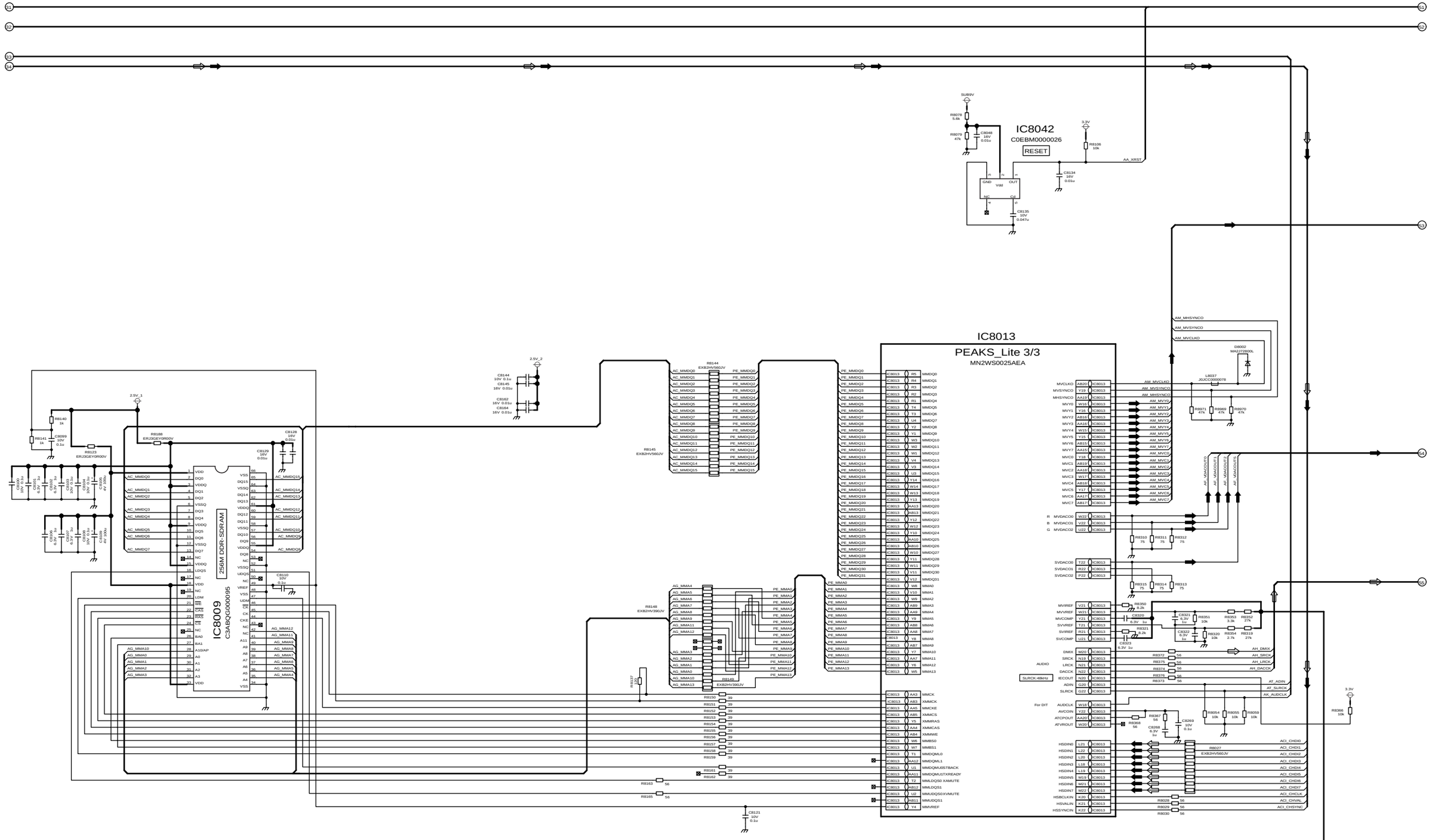
IC8013
PEAKS_Lite 1/3
MN2WS0025AEA

SD_CARD

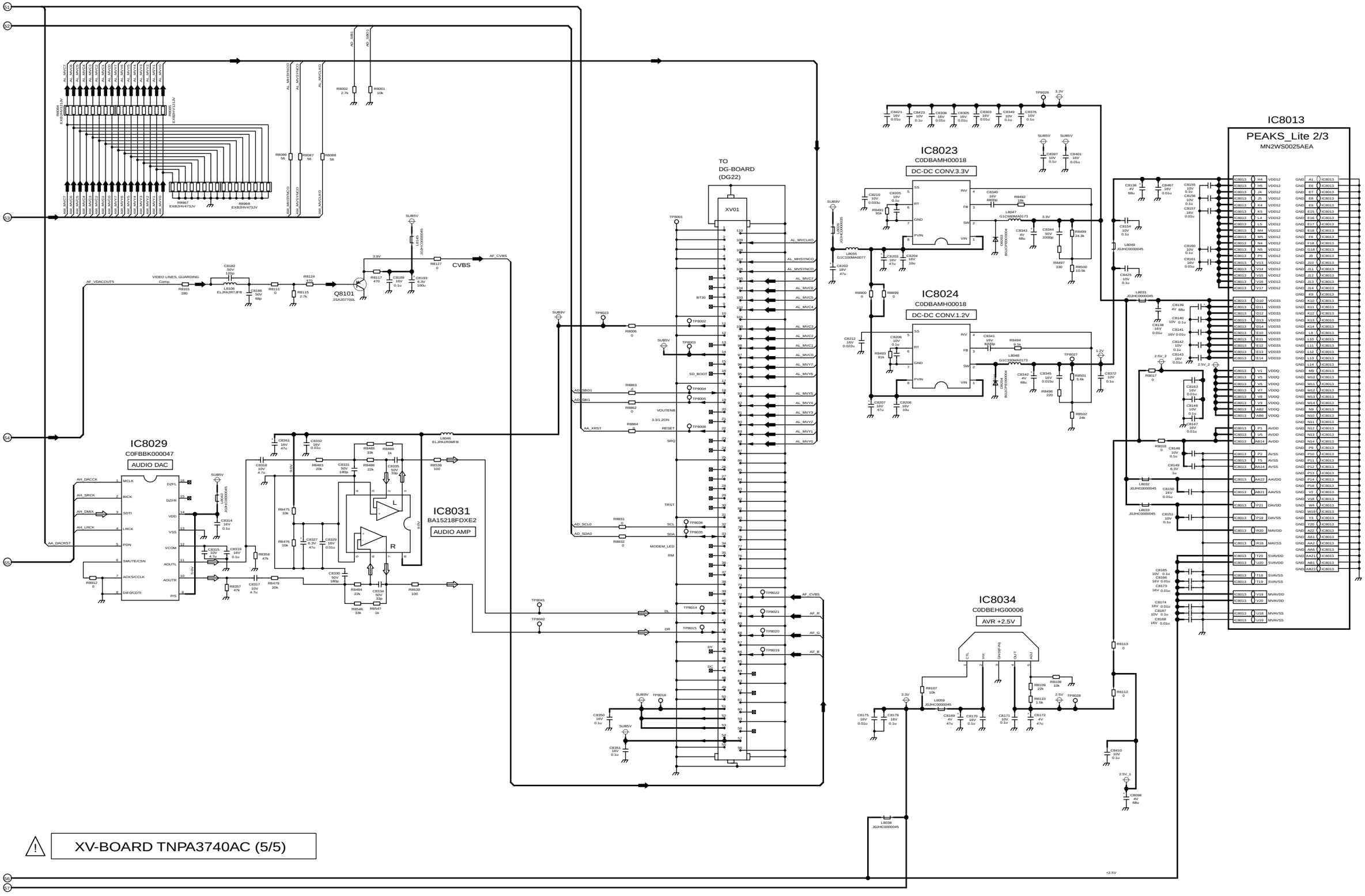
IC8501
74VHCU04MXNL
VCXO27M

XV-BOARD TNPA3740AC (3/5)

TH-50PX600B
XV-Board (3 of 5) Schematic Diagram



TH-50PX600B
XV-Board (4 of 5) Schematic Diagram



TH-50PX600B
XV-Board (5 of 5) Schematic Diagram

TH-50PX600B
XV-Board (5 of 5) Schematic Diagram

14 Schematic and Block Diagram

14.1. Schematic Diagram Notes

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacture's specified parts.

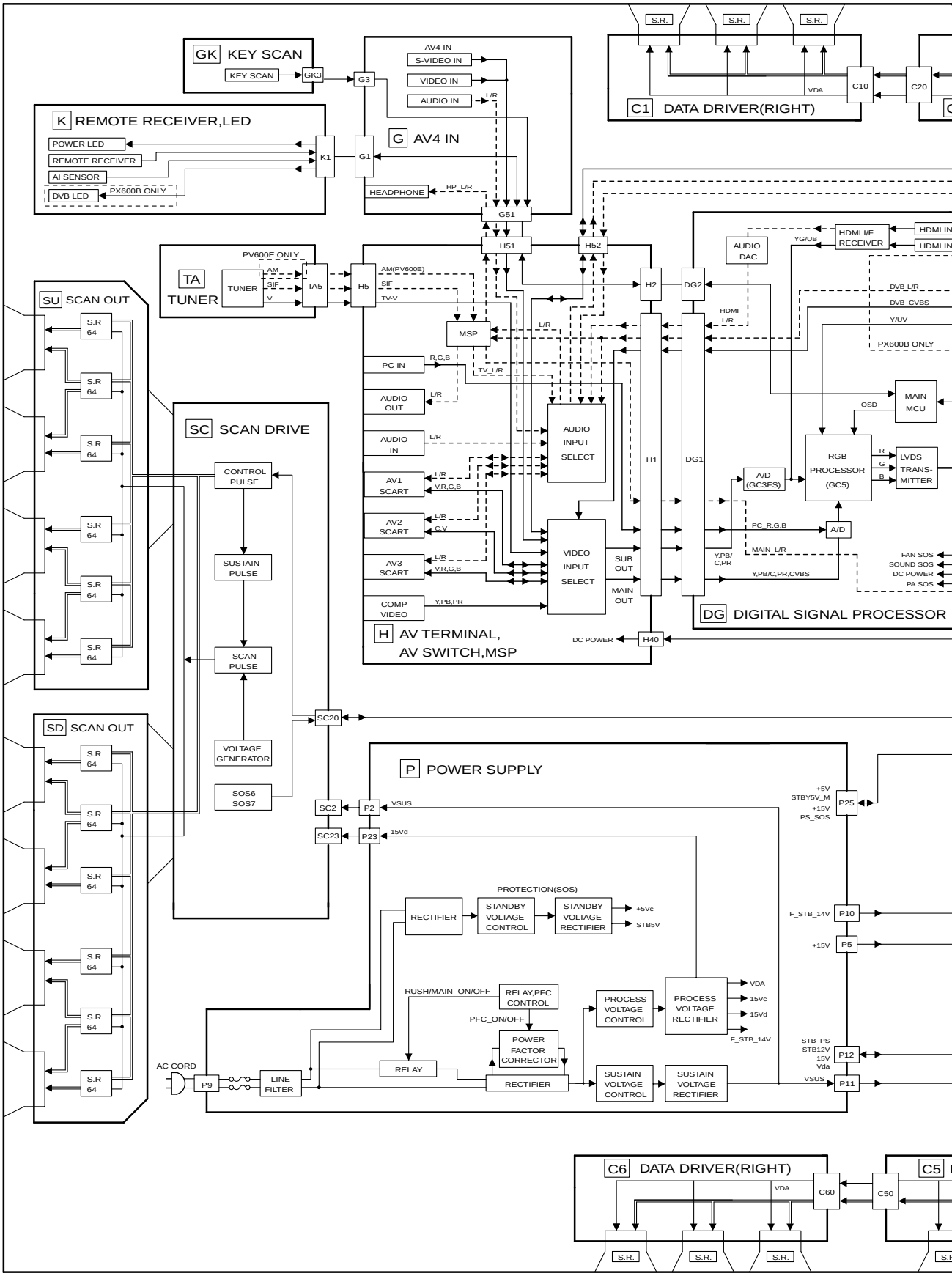
Notes:

1. **Resistor**
   Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
2. **Capacitor**
   Unit of capacitance is μF, unless otherwise noted.
3. Coil
   Unit of inductance is H, unless otherwise noted.
4. Test Point
   ⚲ : Test Point position
5. Earth Symbol
   ⏚ : Chassis Earth (Cold) ⏚ : Line Earth (Hot)
6. Voltage Measurement
   Voltage is measured by a DC voltmeter.
   Conditions of the measurement are the following:
   Power Source AC220-240V, 50/60Hz
   Receiving Signal ..... Colour Bar signal (RF)
   All customer's controls ..... Maximum positions
7. When arrow mark (↗) is found, connection is easily found from the direction of arrow.
8. Indicates the major signal flow. : Video ➡ Audio ⇨
9. This schematic diagram is the latest at the time of printing and subject to change without notice.

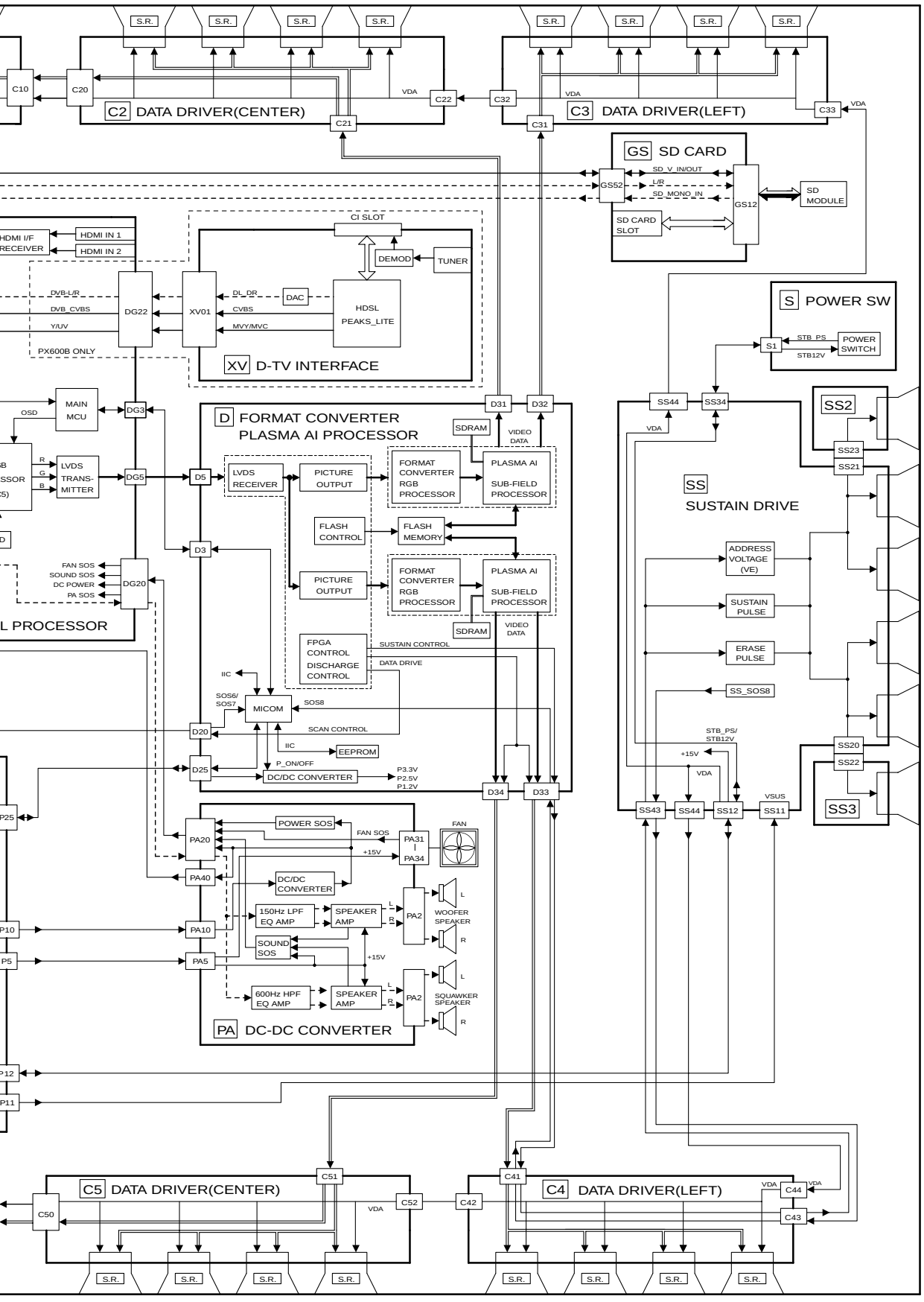
Remarks:

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
   The circuit is defined by HOT and COLD indications in the schematic diagram. Take the follwing precautions.
   All circuits, except the Power Circuit, are cold.
   Precautions
   a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
   b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
   c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
      Connect the earth of instruments to the earth connection of the circuit being measured.
   d. Make sure to disconnect the power plug before removing the chassis.

14.2. Main Block Diagram

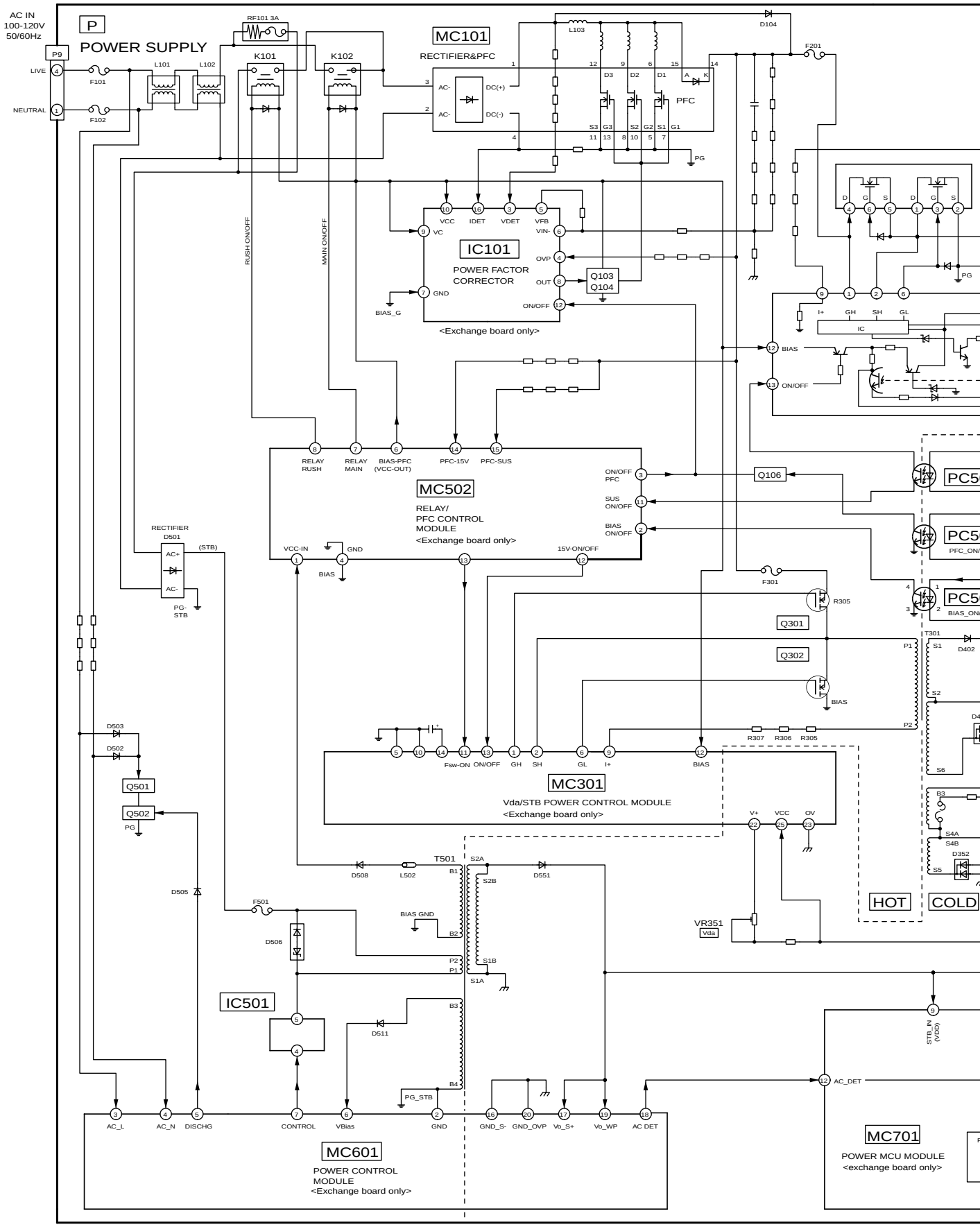


TH-50PV600E, TH-50PX600B
Main Block Diagram

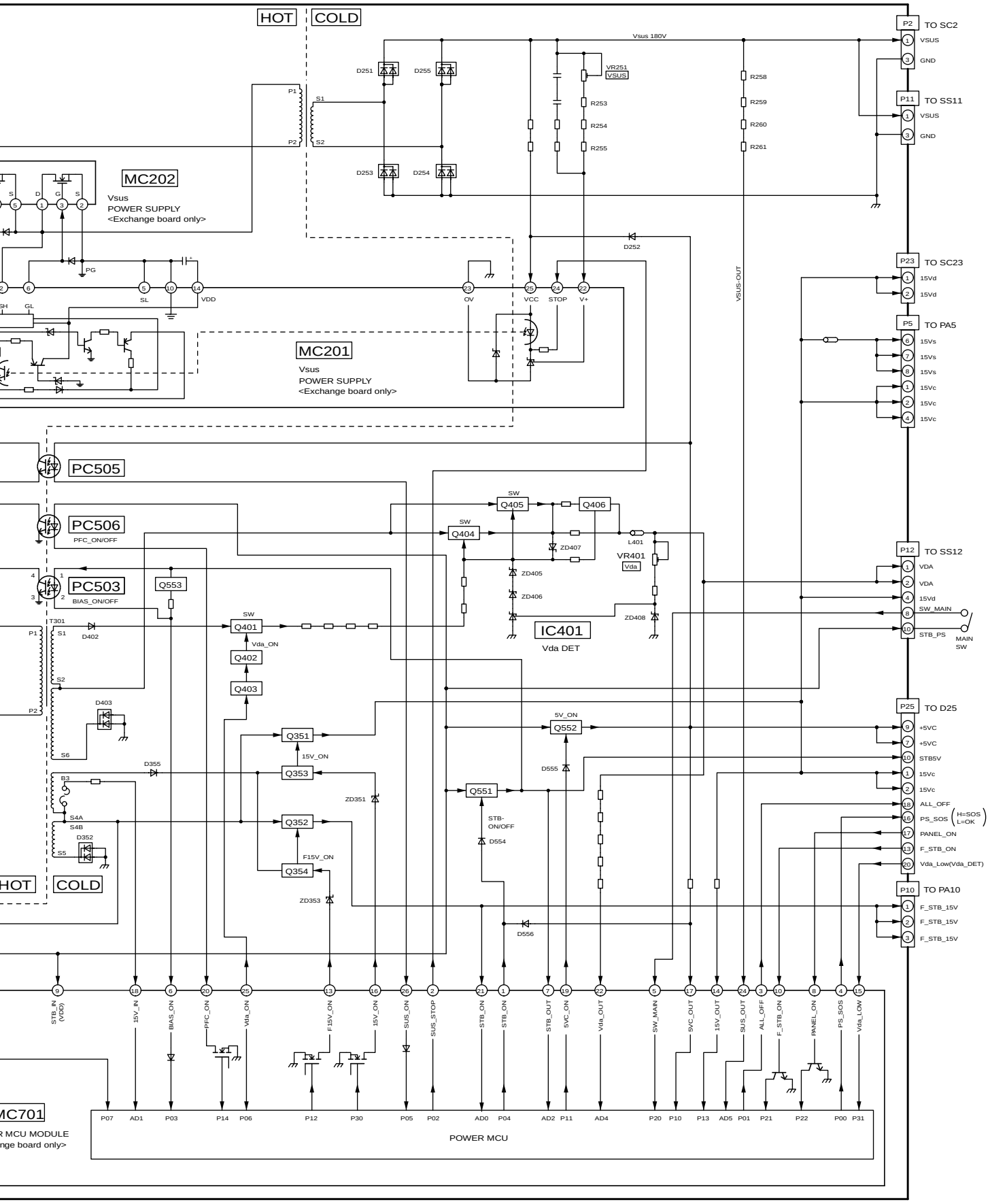


TH-50PV600E, TH-50PX600B
Main Block Diagram

14.3. P-Board Block Diagram

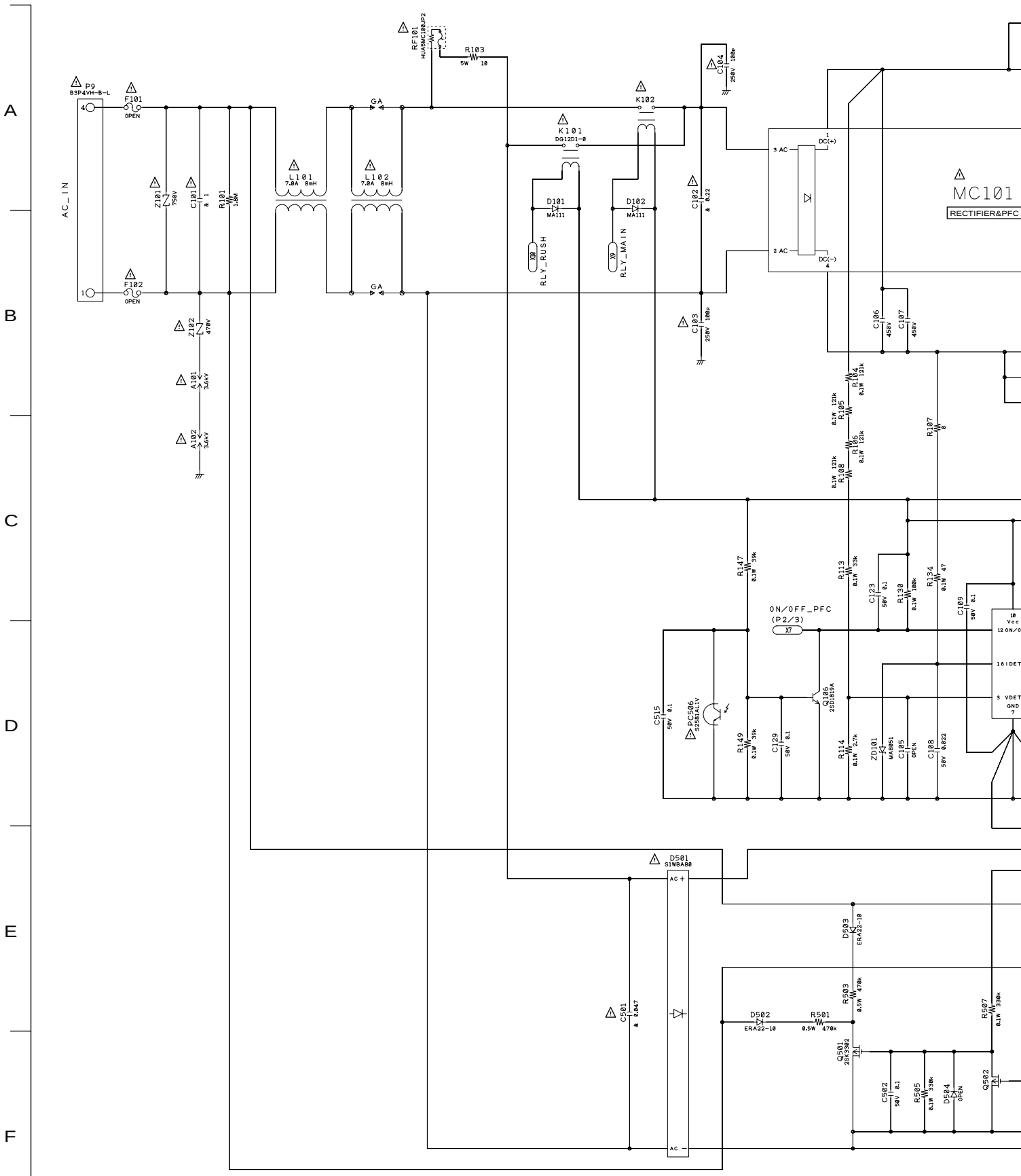


TH-50PV600E, TH-50PX600B
P-Board Block Diagram

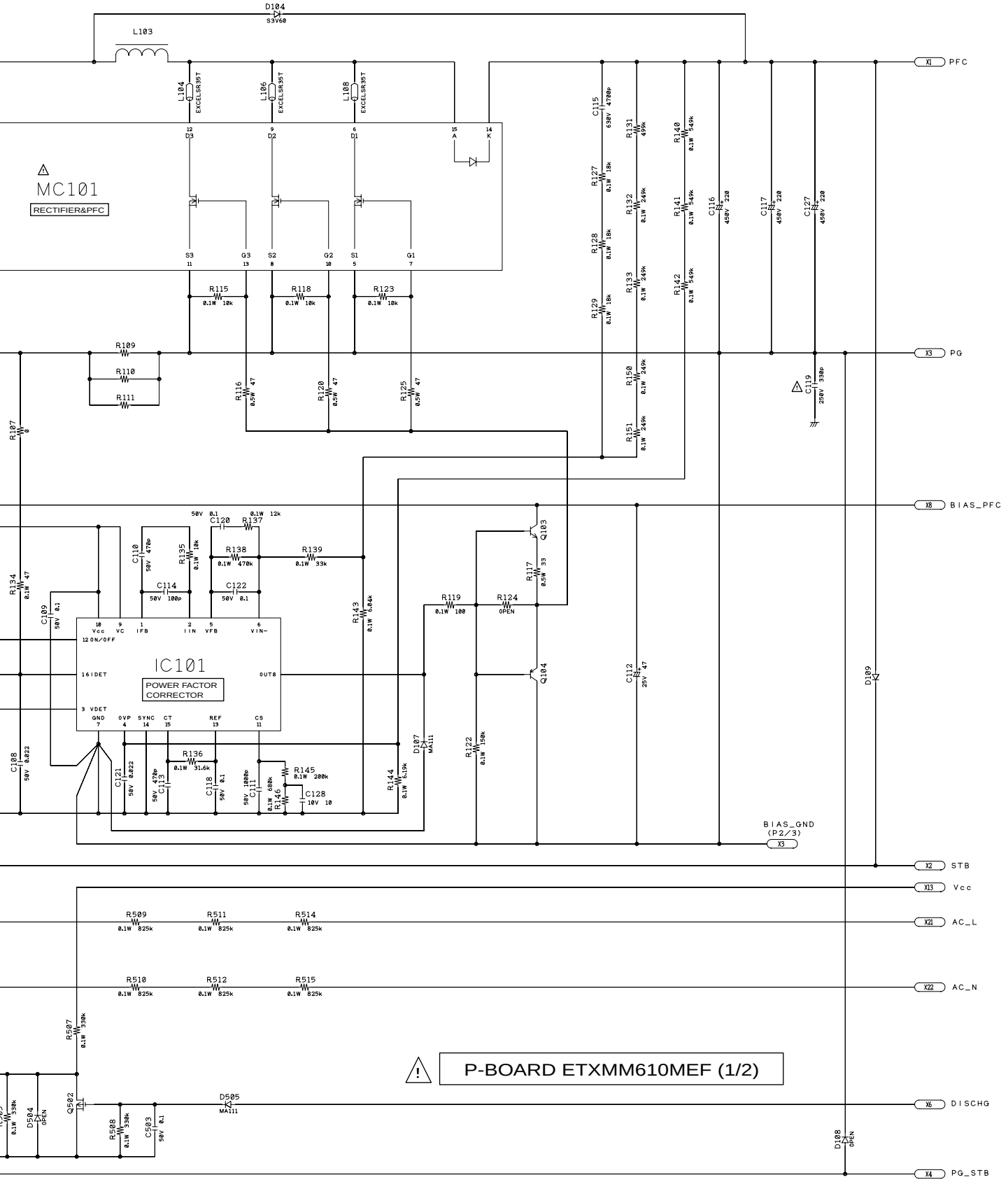


TH-50PV600E, TH-50PX600B
P-Board Block Diagram

14.4. P-Board (1 of 2) Schematic Diagram



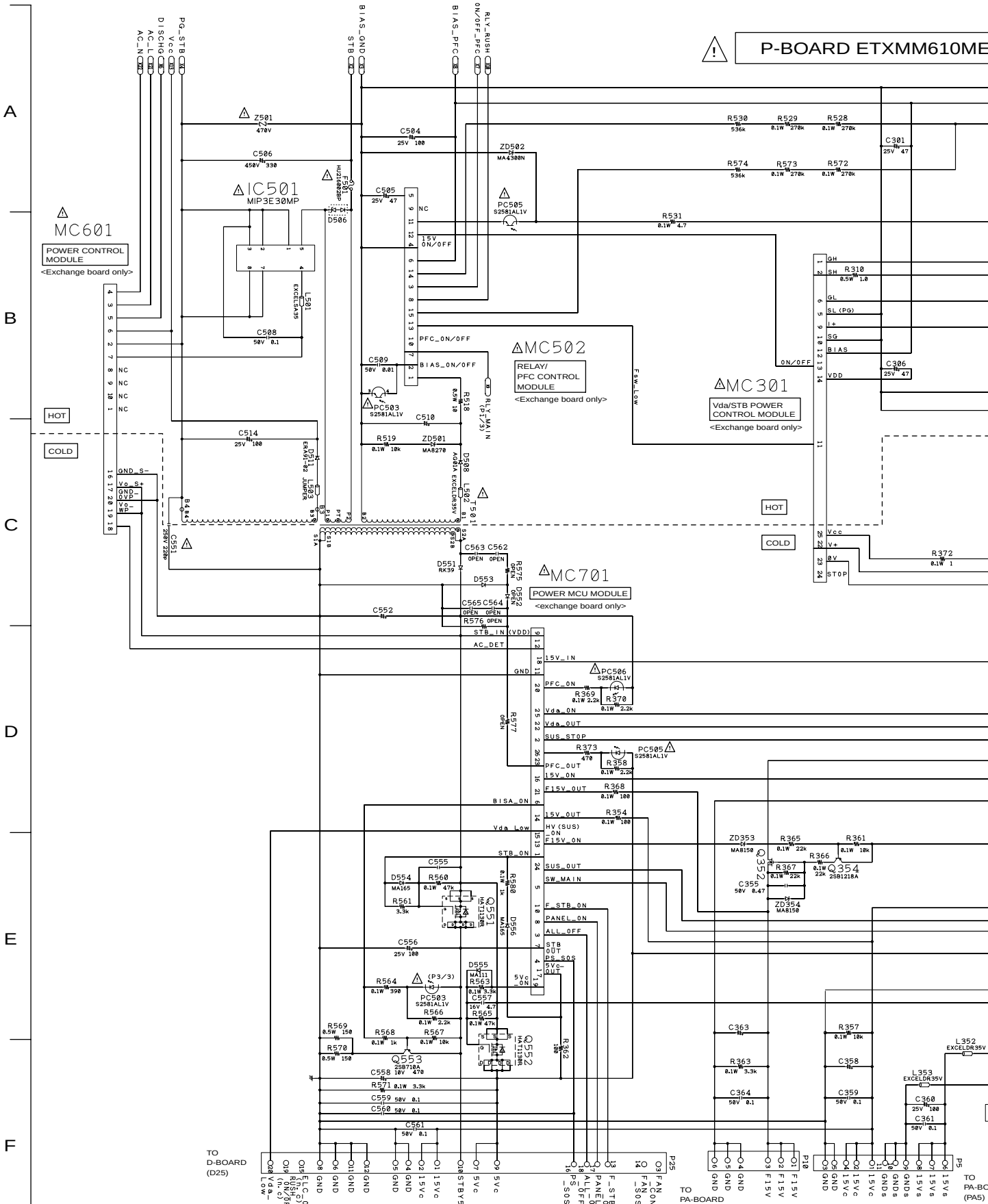
TH-50PV600E, TH-50PX600B
P-Board (1 of 2) Schematic Diagram



TH-50PV600E, TH-50PX600B
P-Board (1 of 2) Schematic Diagram

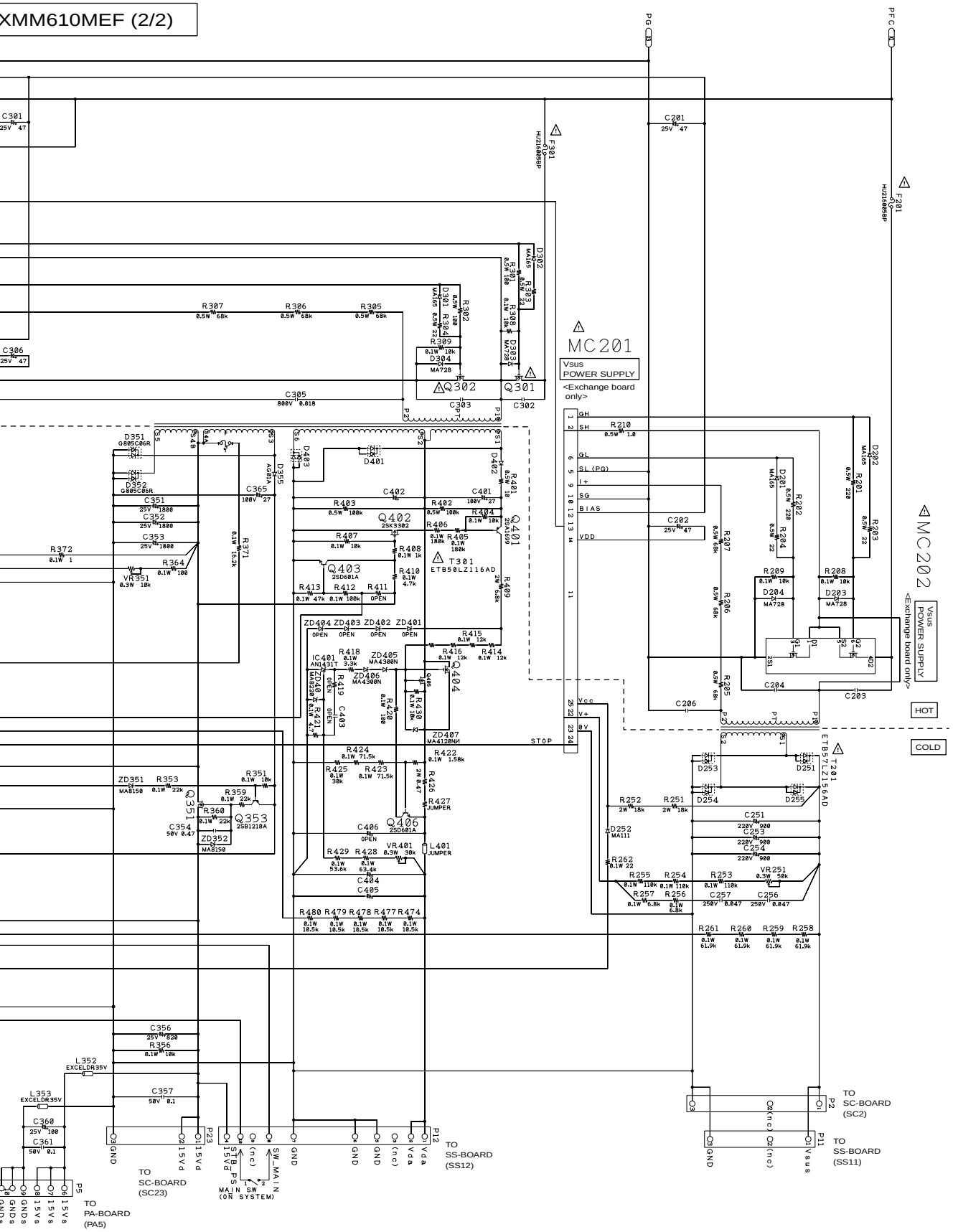
5 6 7 8 9

14.5. P-Board (2 of 2) Schematic Diagram



TH-50PV600E, TH-50PX600B (2 of 2) Schematic Diagram

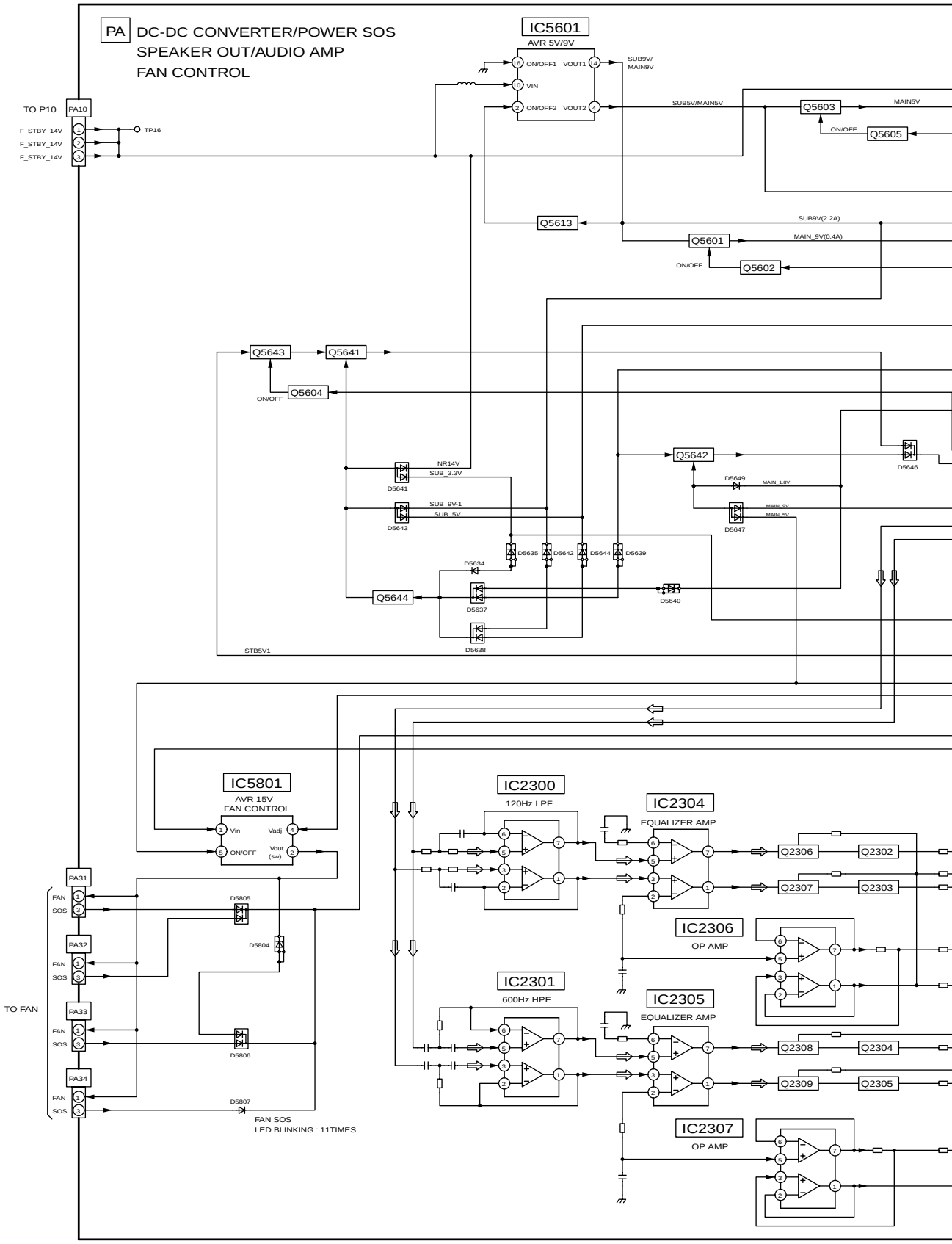
XMM610MEF (2/2)



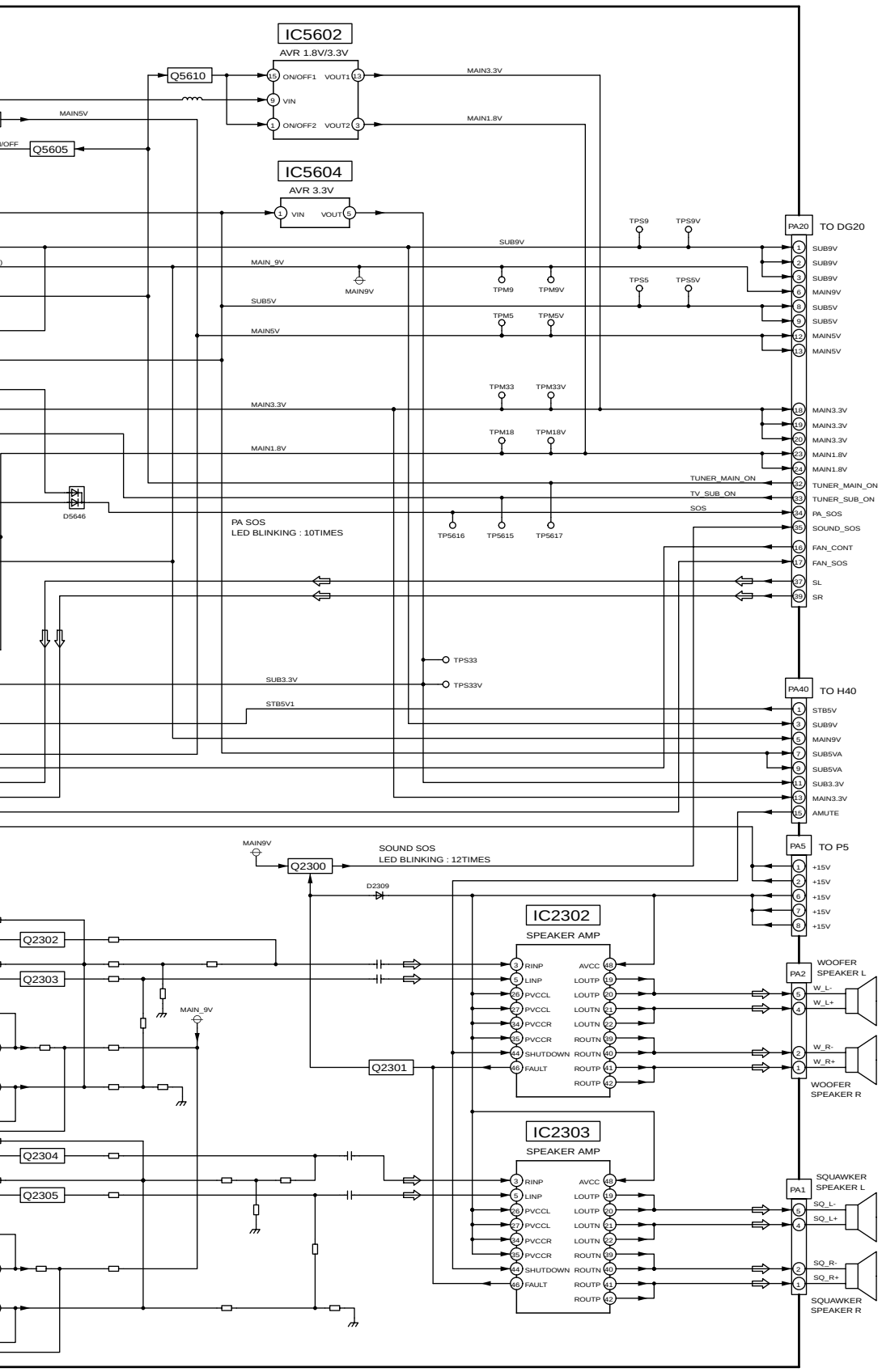
TH-50PV600E, TH-50PX600B P-Board (2 of 2) Schematic Diagram

5 6 7 8 9

14.6. PA-Board Block Diagram

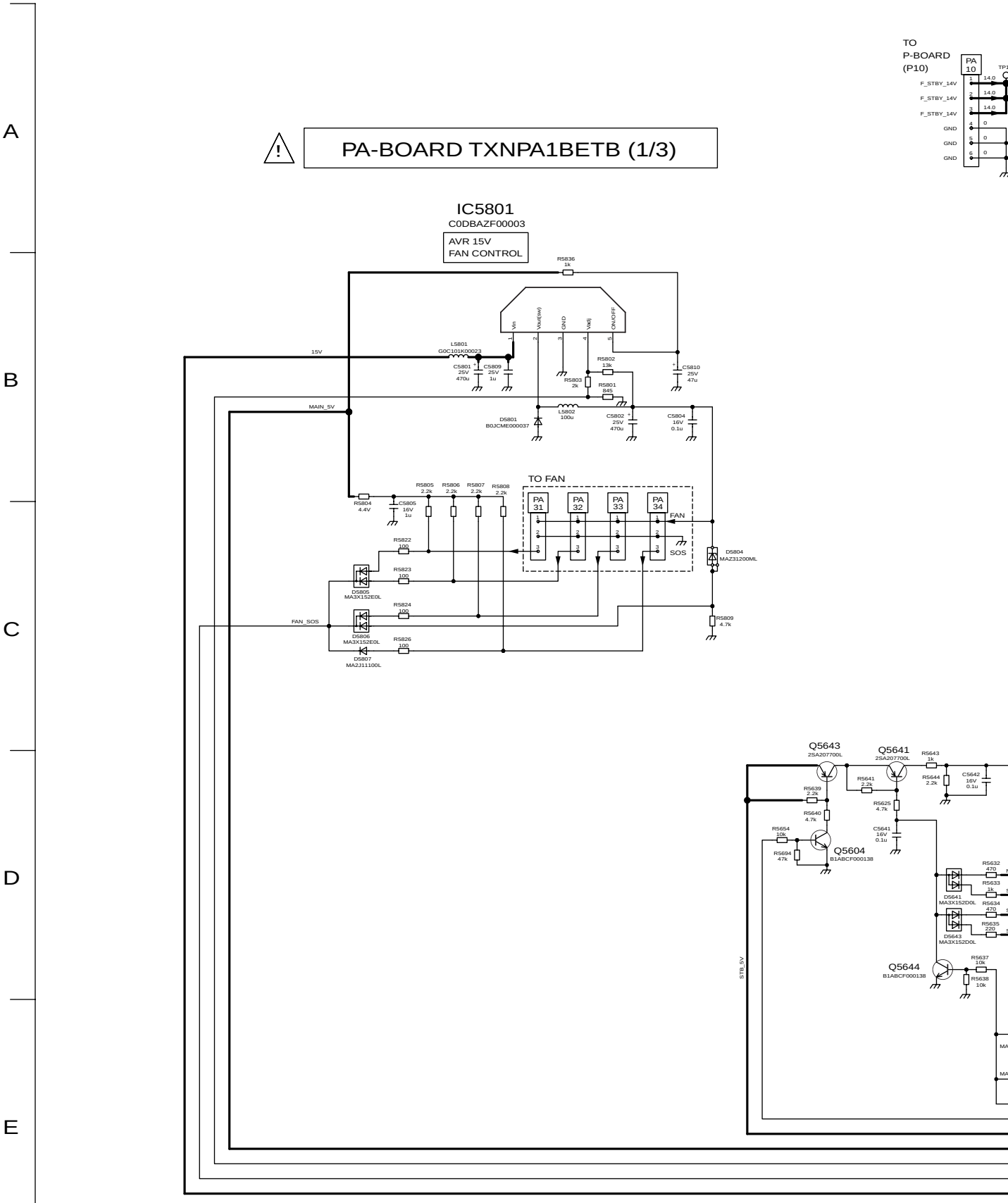


TH-50PV600E, TH-50PX600B
PA-Board Block Diagram

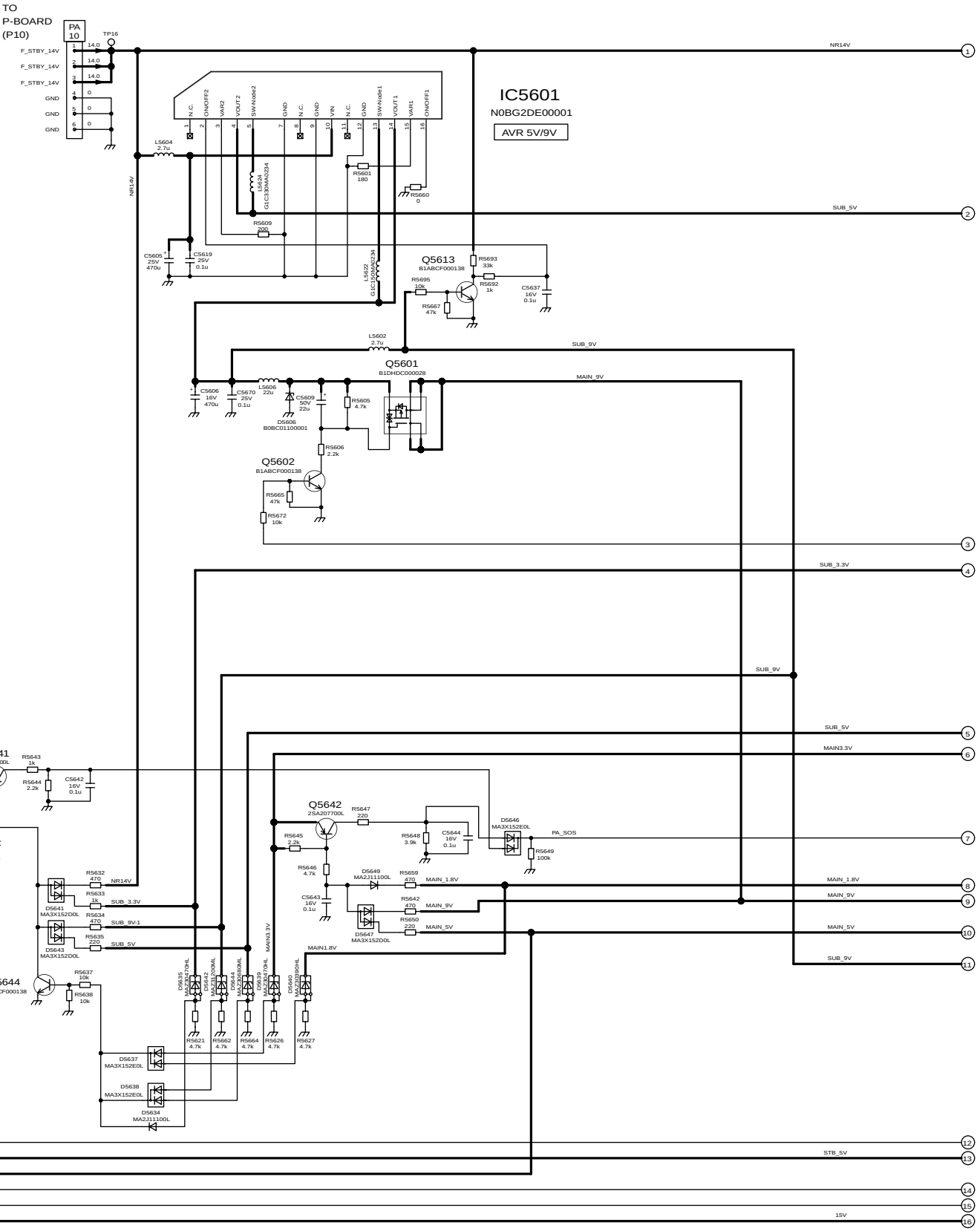


TH-50PV600E, TH-50PX600B
PA-Board Block Diagram

14.7. PA-Board (1 of 3) Schematic Diagram



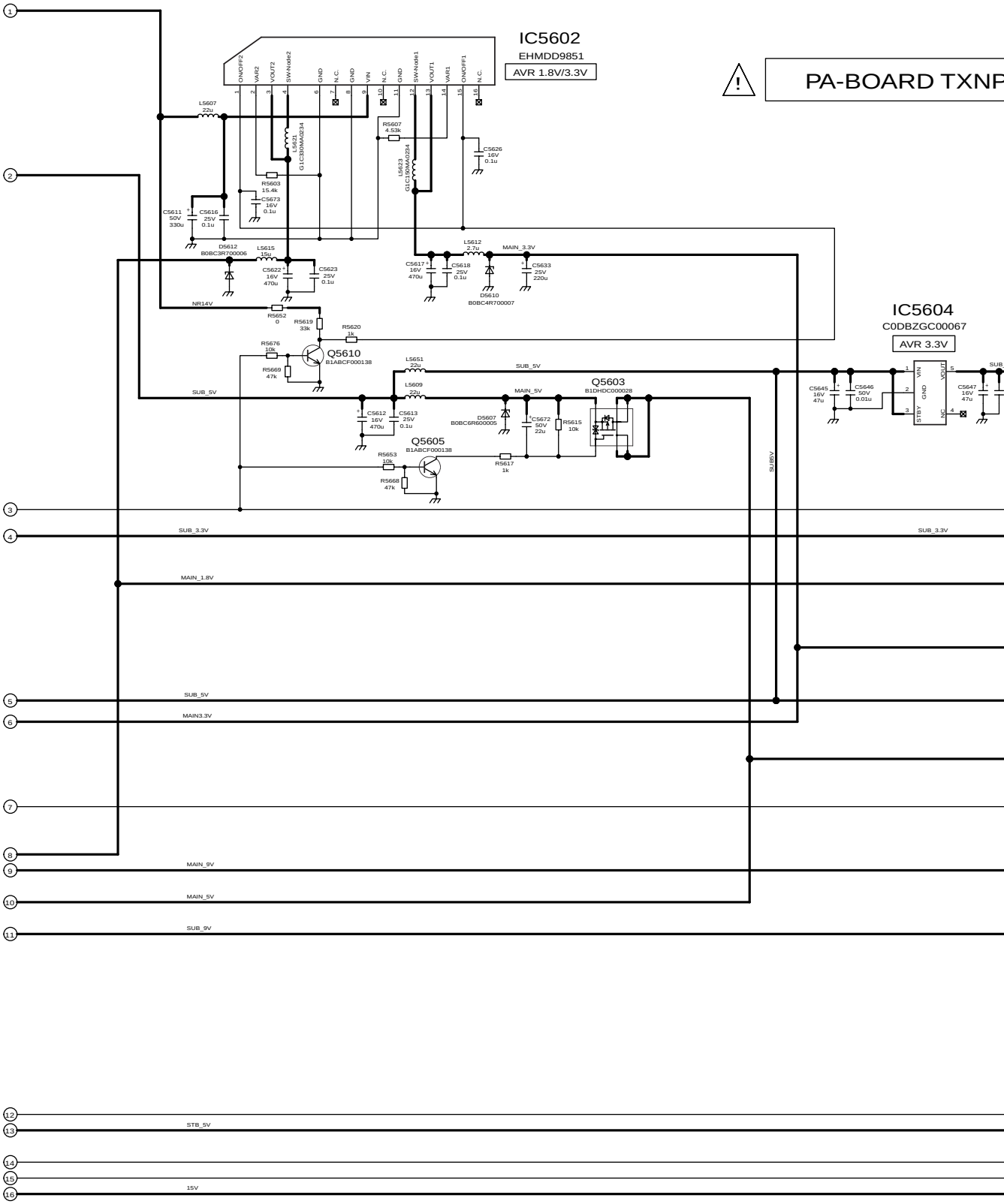
TH-50PV600E, TH-50PX600B
PA-Board (1 of 3) Schematic Diagram



TH-50PV600E, TH-50PX600B
PA-Board (1 of 3) Schematic Diagram

4 5 6 7 8

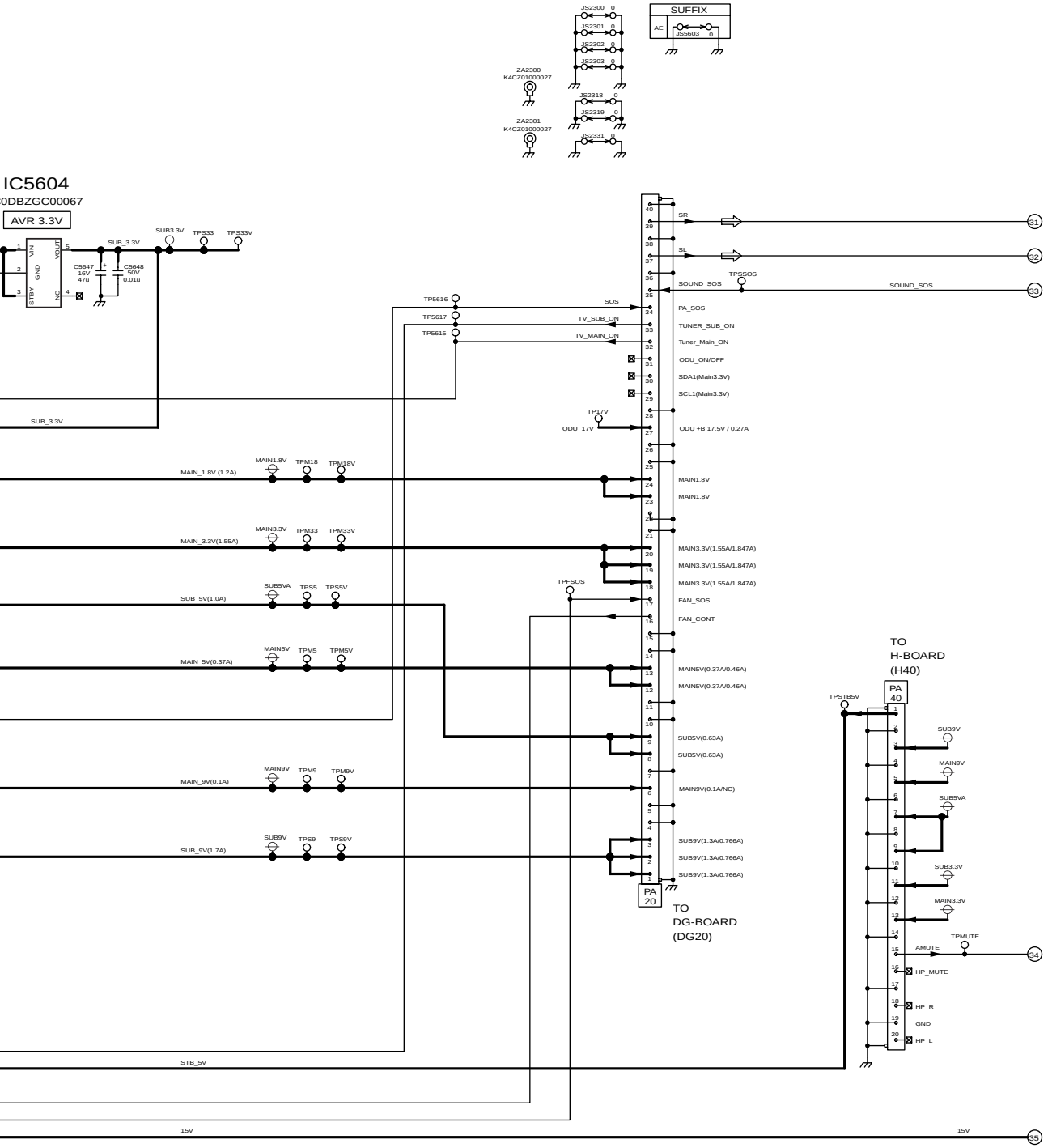
14.8. PA-Board (2 of 3) Schematic Diagram



TH-50PV600E, TH-50PX600B
PA-Board (2 of 3) Schematic Diagram

8 | 9 | 10 | 11 | 12

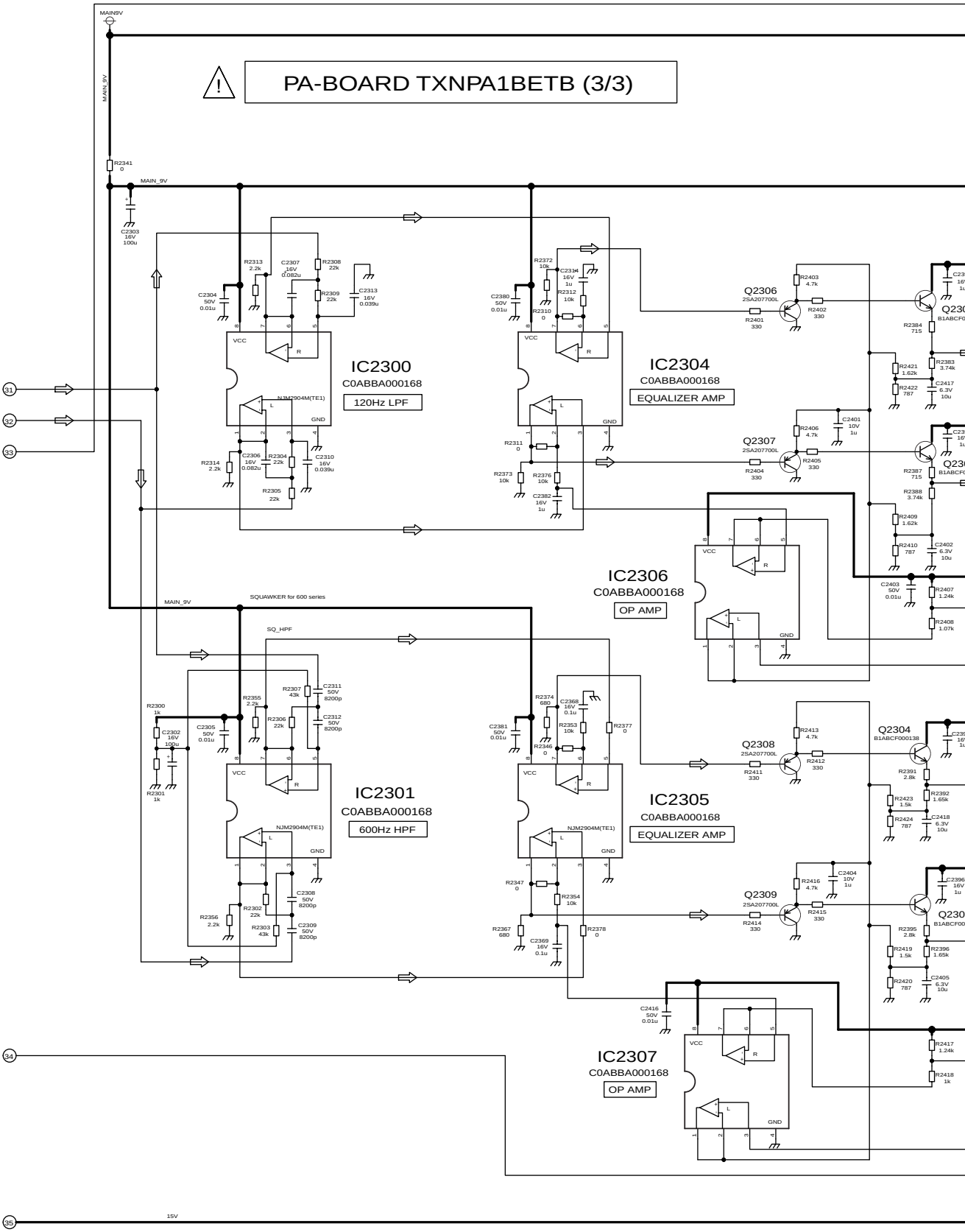
ARD TXNPA1BETB (2/3)



TH-50PV600E, TH-50PX600B
PA-Board (2 of 3) Schematic Diagram

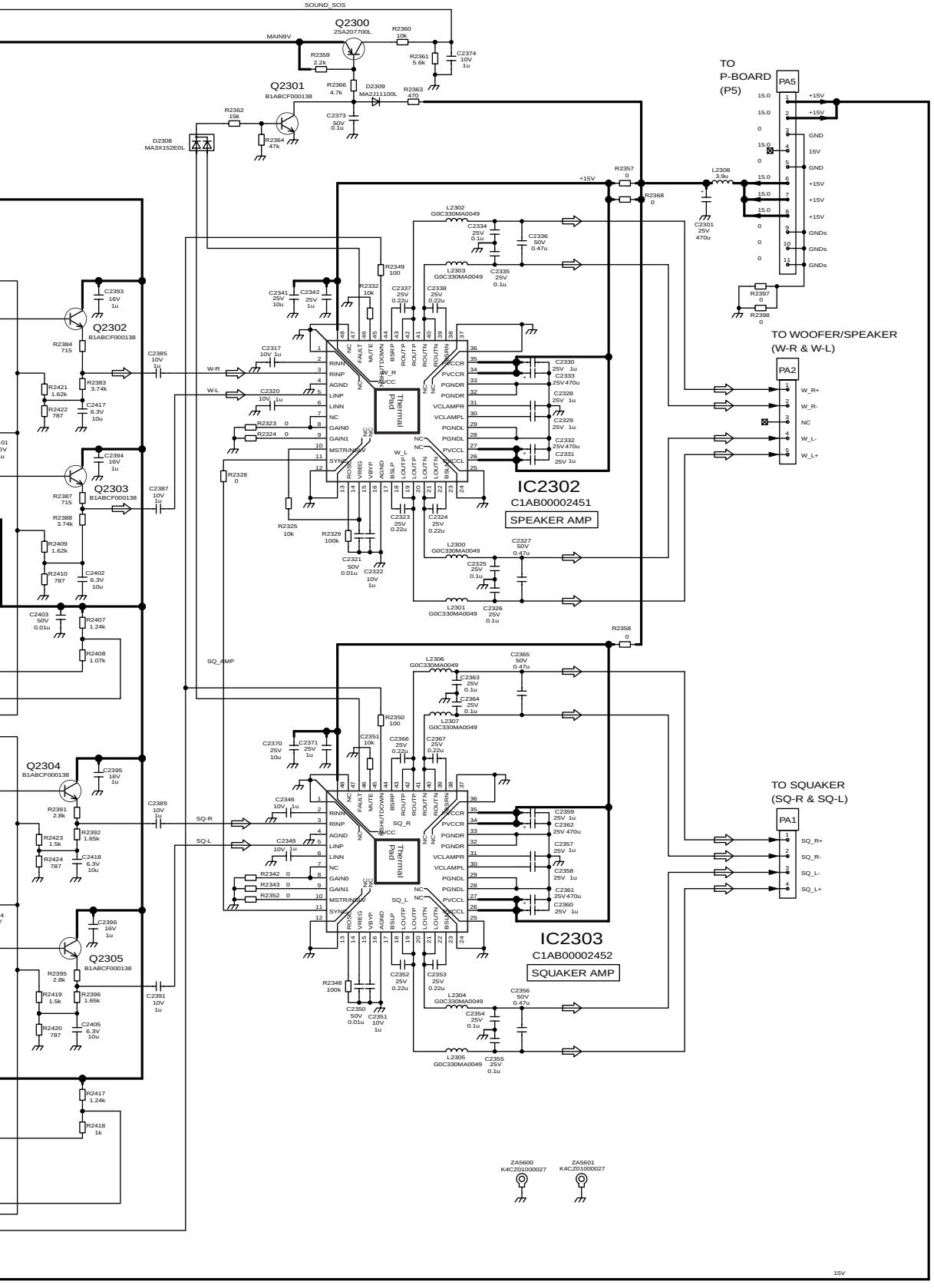
12 13 14 15

14.9. PA-Board (3 of 3) Schematic Diagram



TH-50PV600E, TH-50PX600B
PA-Board (3 of 3) Schematic Diagram

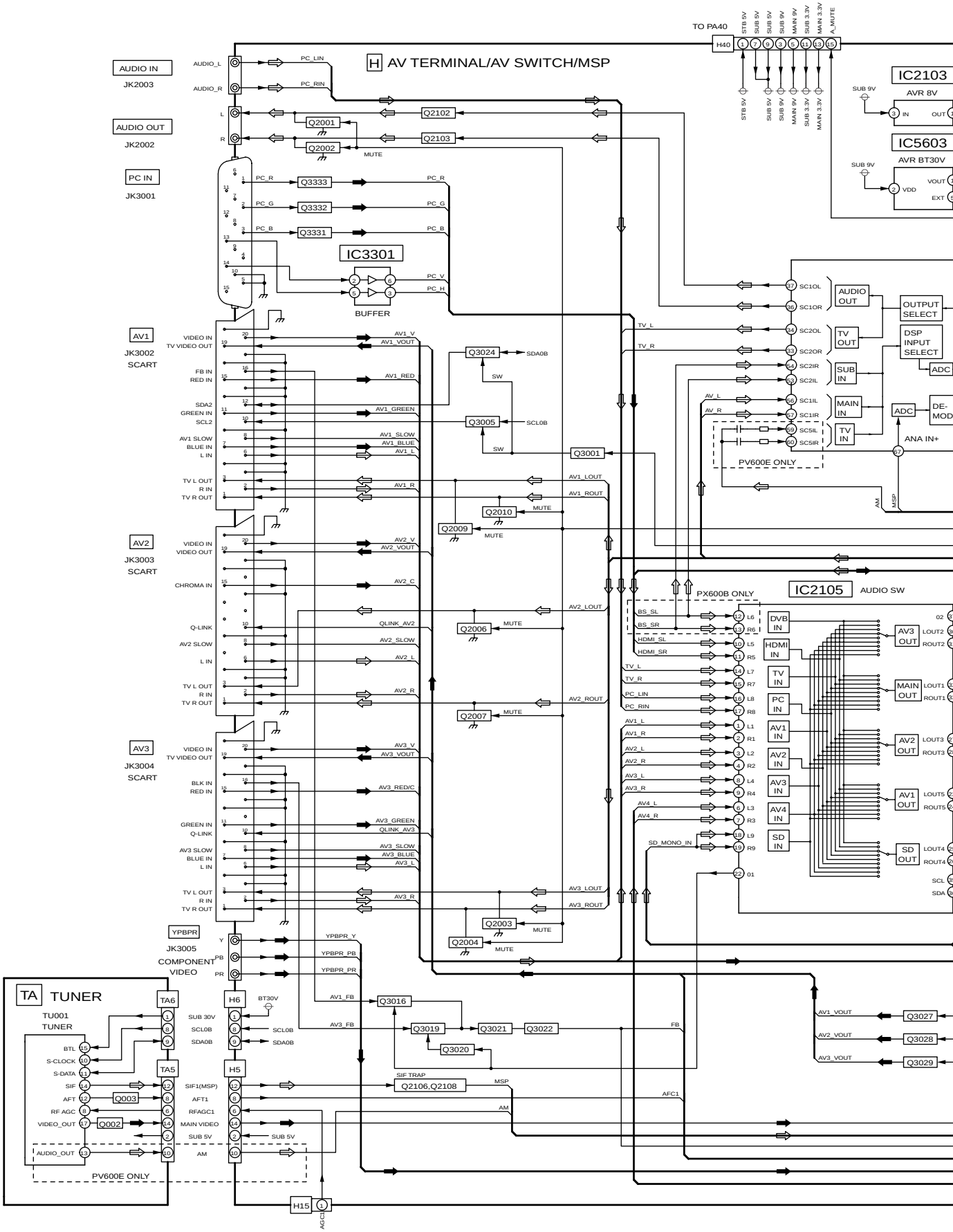
16 17 18 19



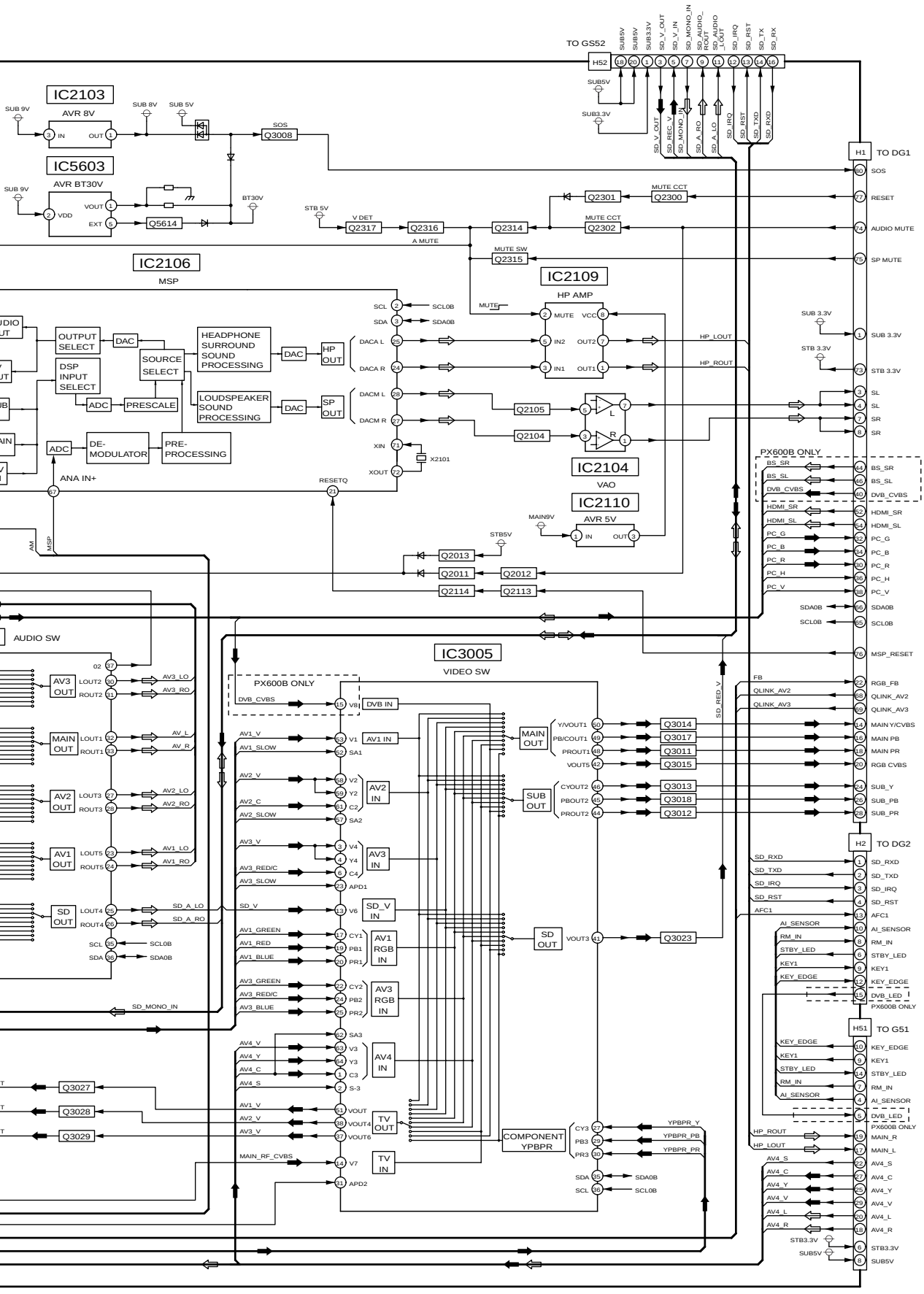
TH-50PV600E, TH-50PX600B
PA-Board (3 of 3) Schematic Diagram

19 | 20 | 21 | 22 | 23

14.10. H and TA-Board Block Diagram

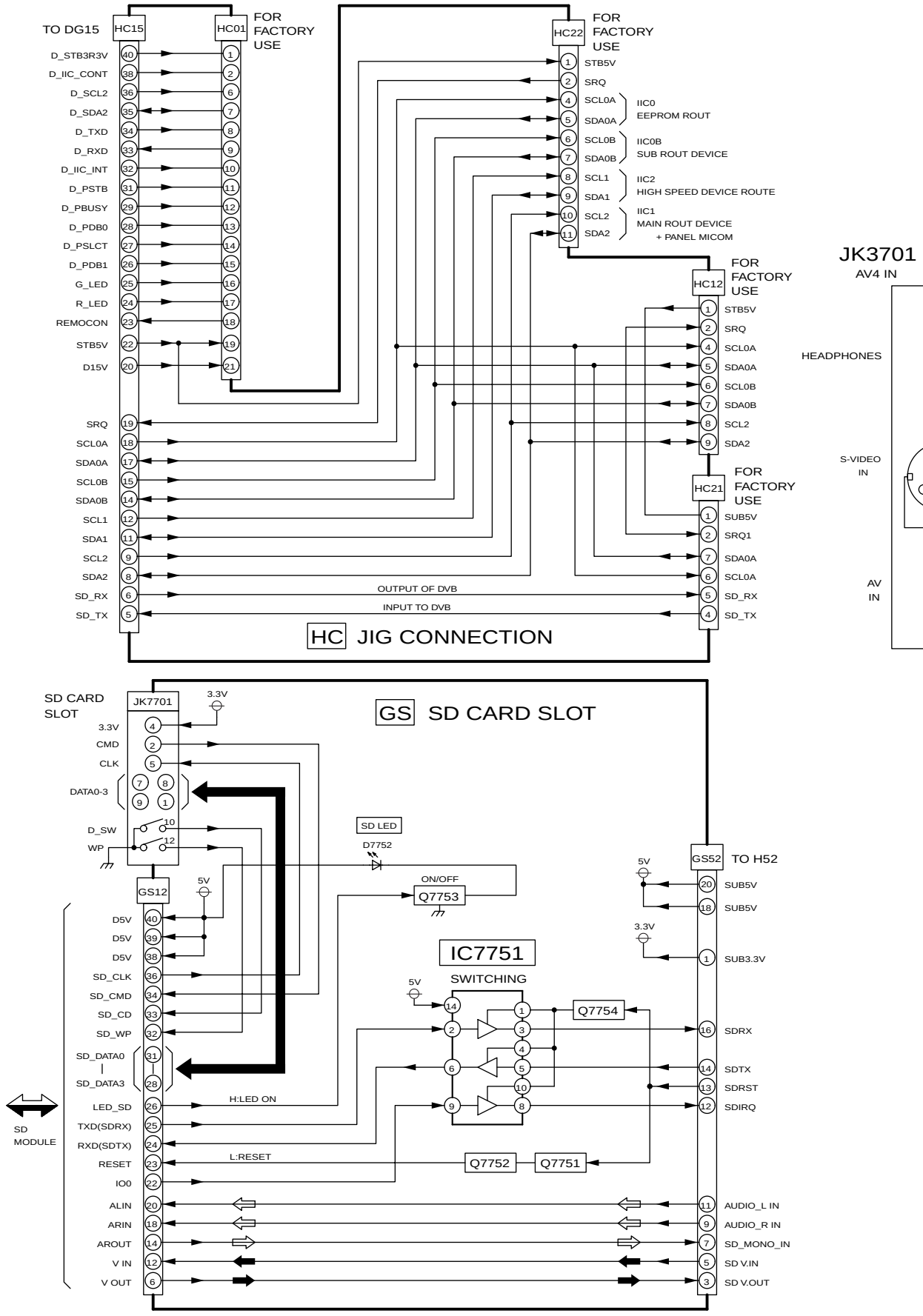


TH-50PV600E, TH-50PX600B
H-Board Block Diagram

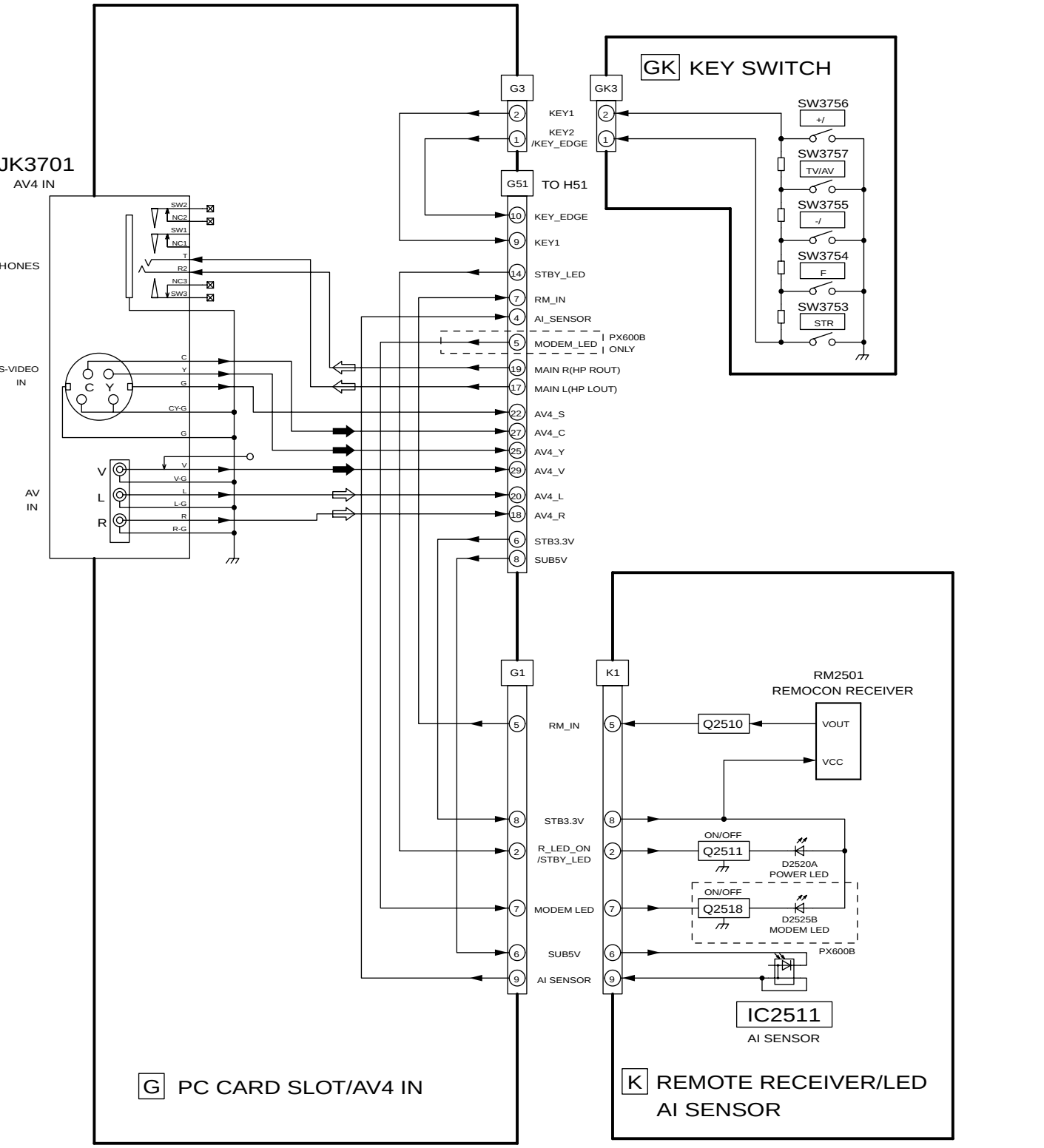


TH-50PV600E, TH-50PX600B
H-Board Block Diagram

14.11. G, GK, GS, HC and K-Board Block Diagram

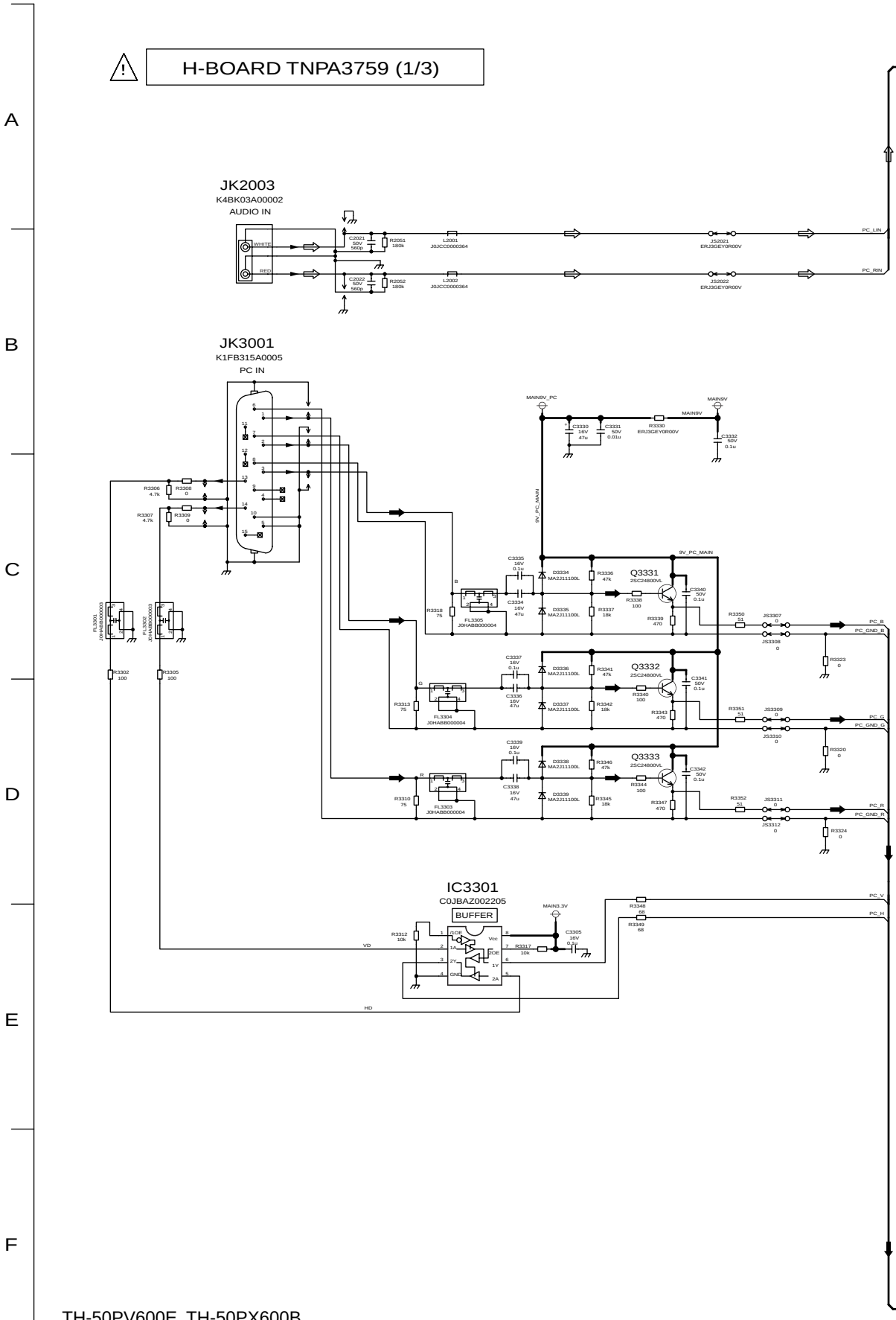


TH-50PV600E, TH-50PX600B
G, GK, GS, HC and K-Board Block Diagram

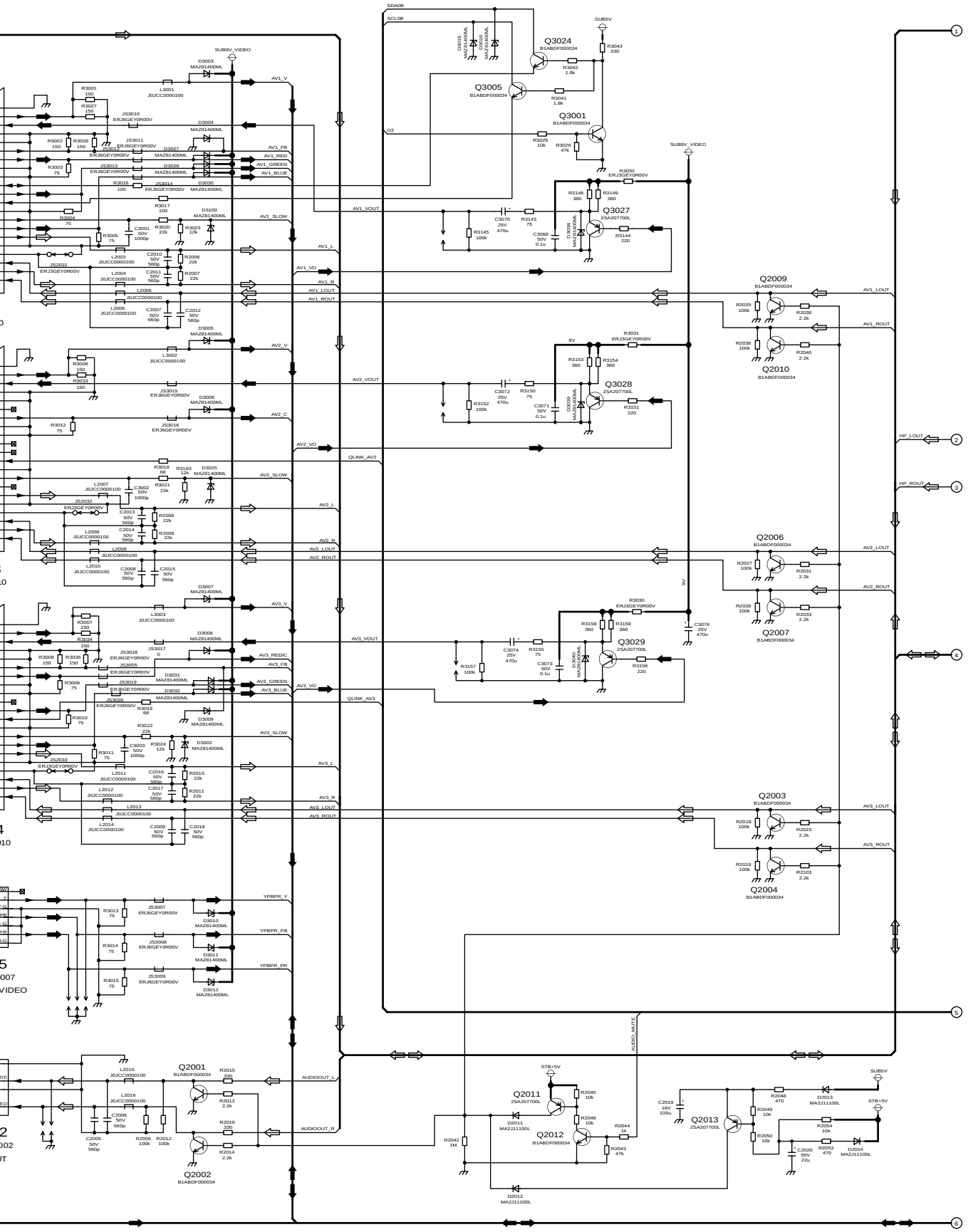


TH-50PV600E, TH-50PX600B
G, GK, GS, HC and K-Board Block Diagram

14.12. H-Board (1 of 3)Schematic Diagram

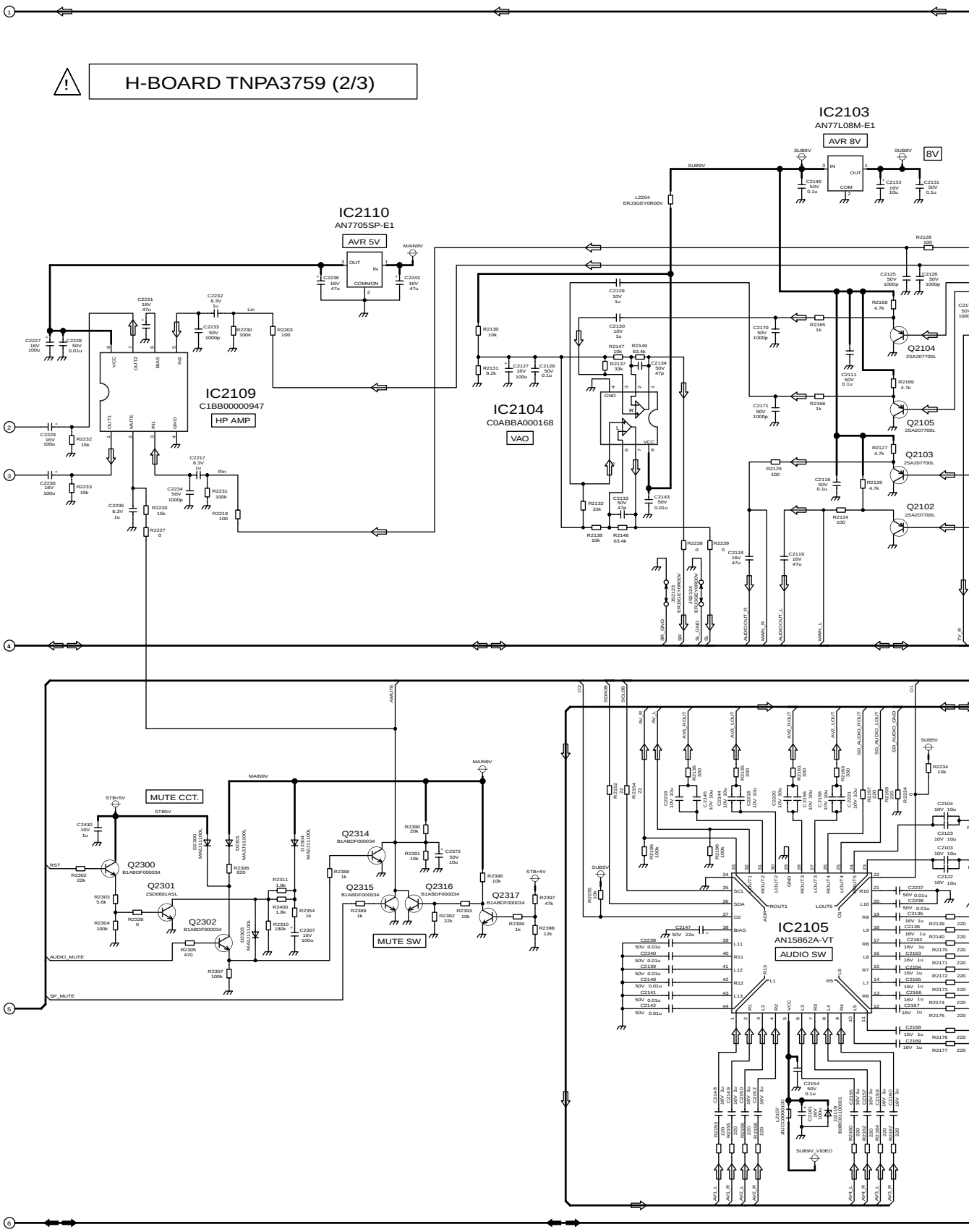


TH-50PV600E, TH-50PX600B
H-Board (1 of 3) Schematic Diagram

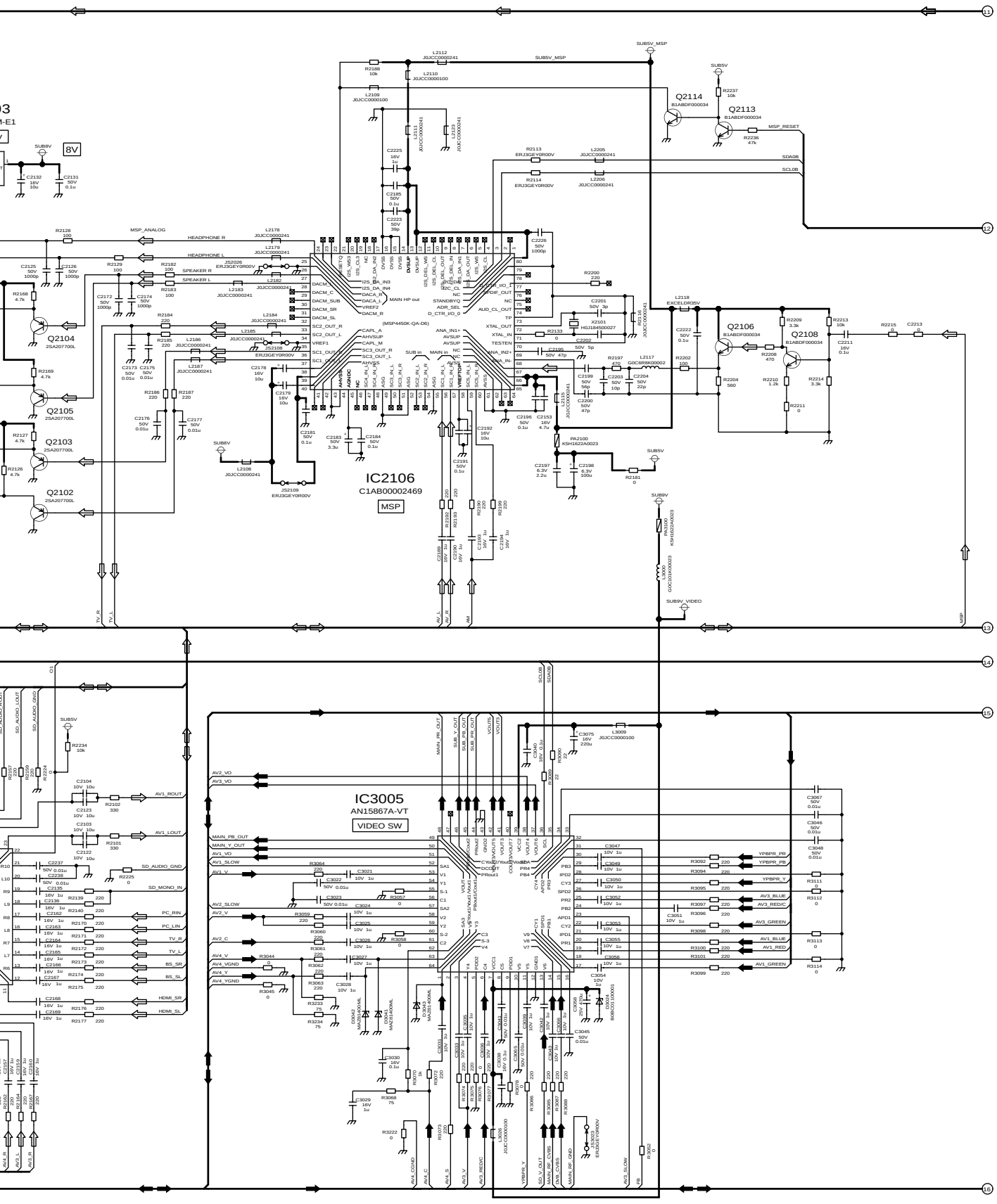


TH-50PV600E, TH-50PX600B H-Board (1 of 3) Schematic Diagram

14.13. H-Board (2 of 3)Schematic Diagram

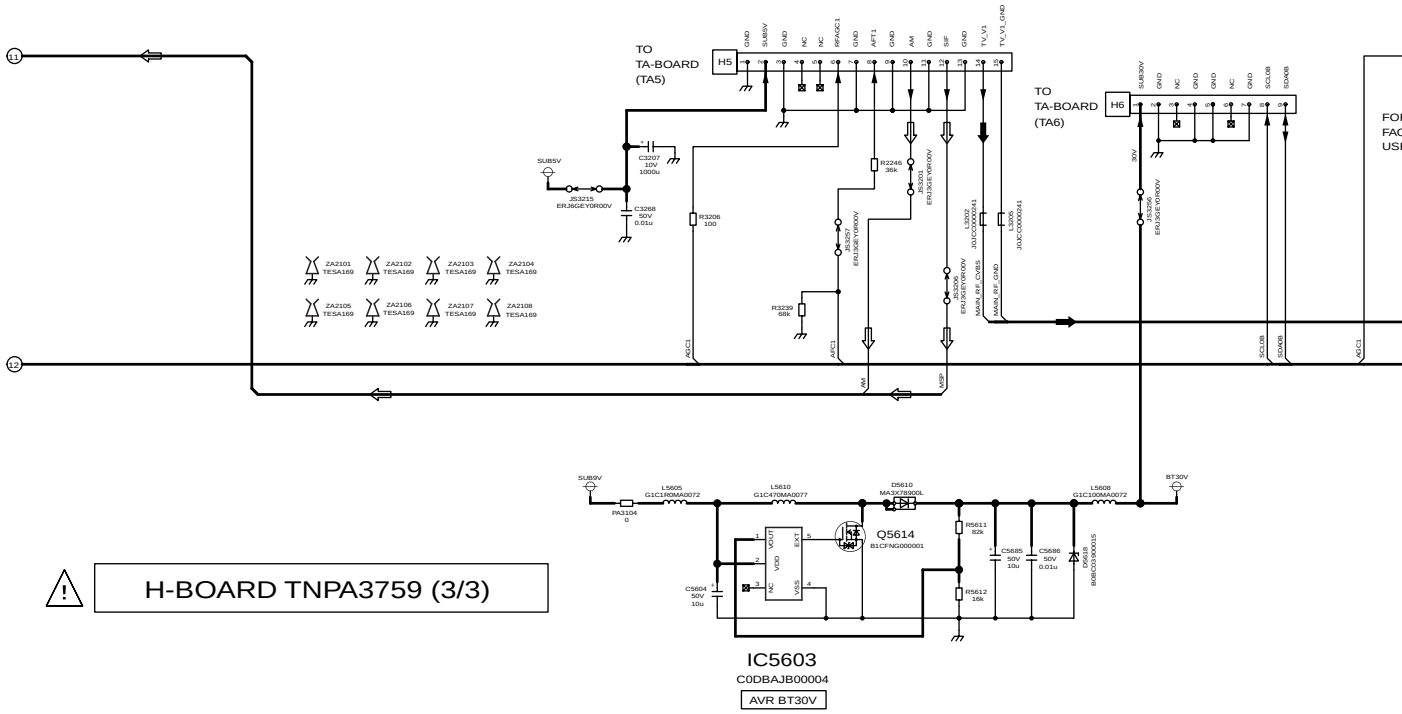


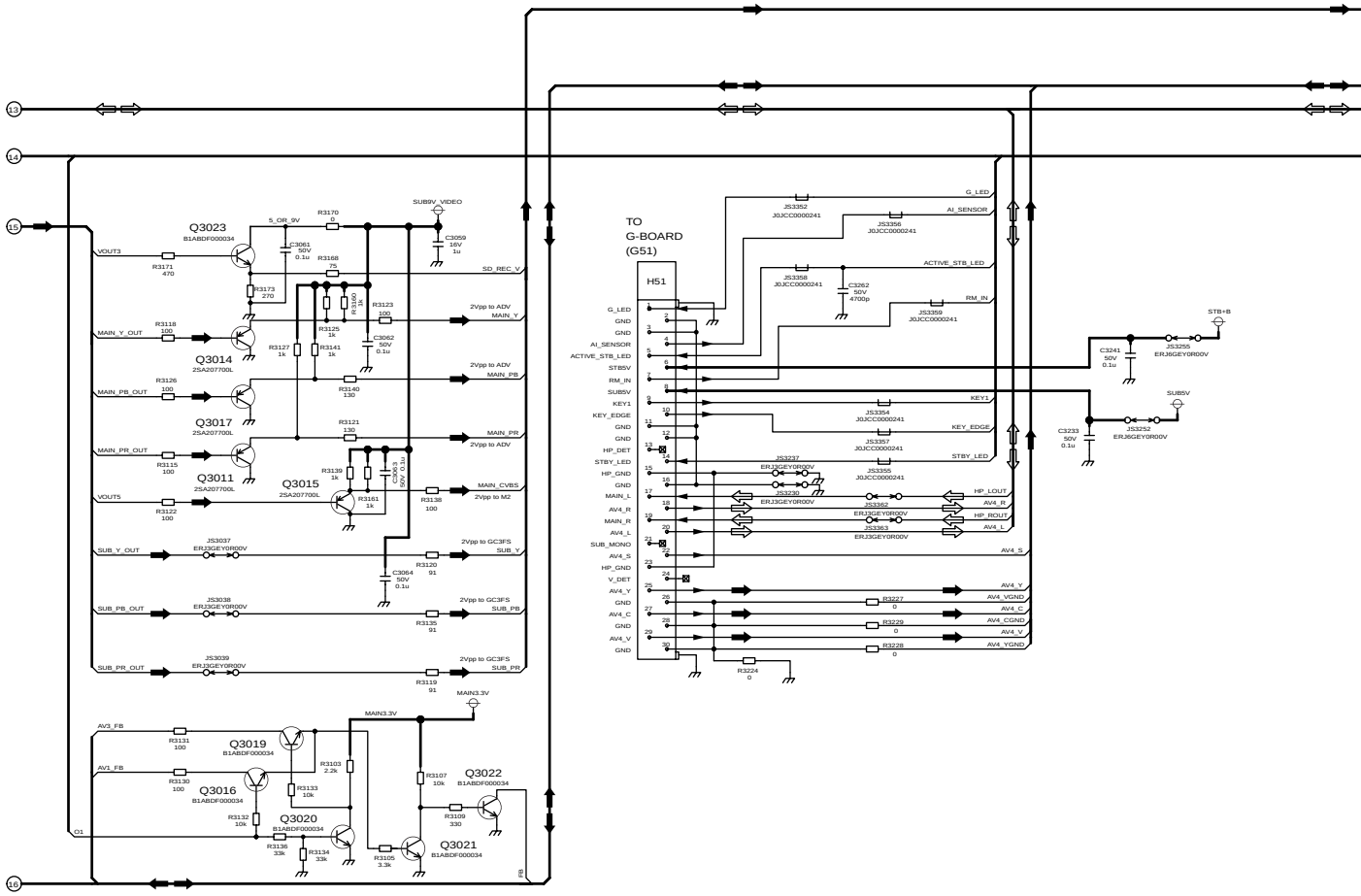
TH-50PV600E, TH-50PX600B H-Board (2 of 3) Schematic Diagram



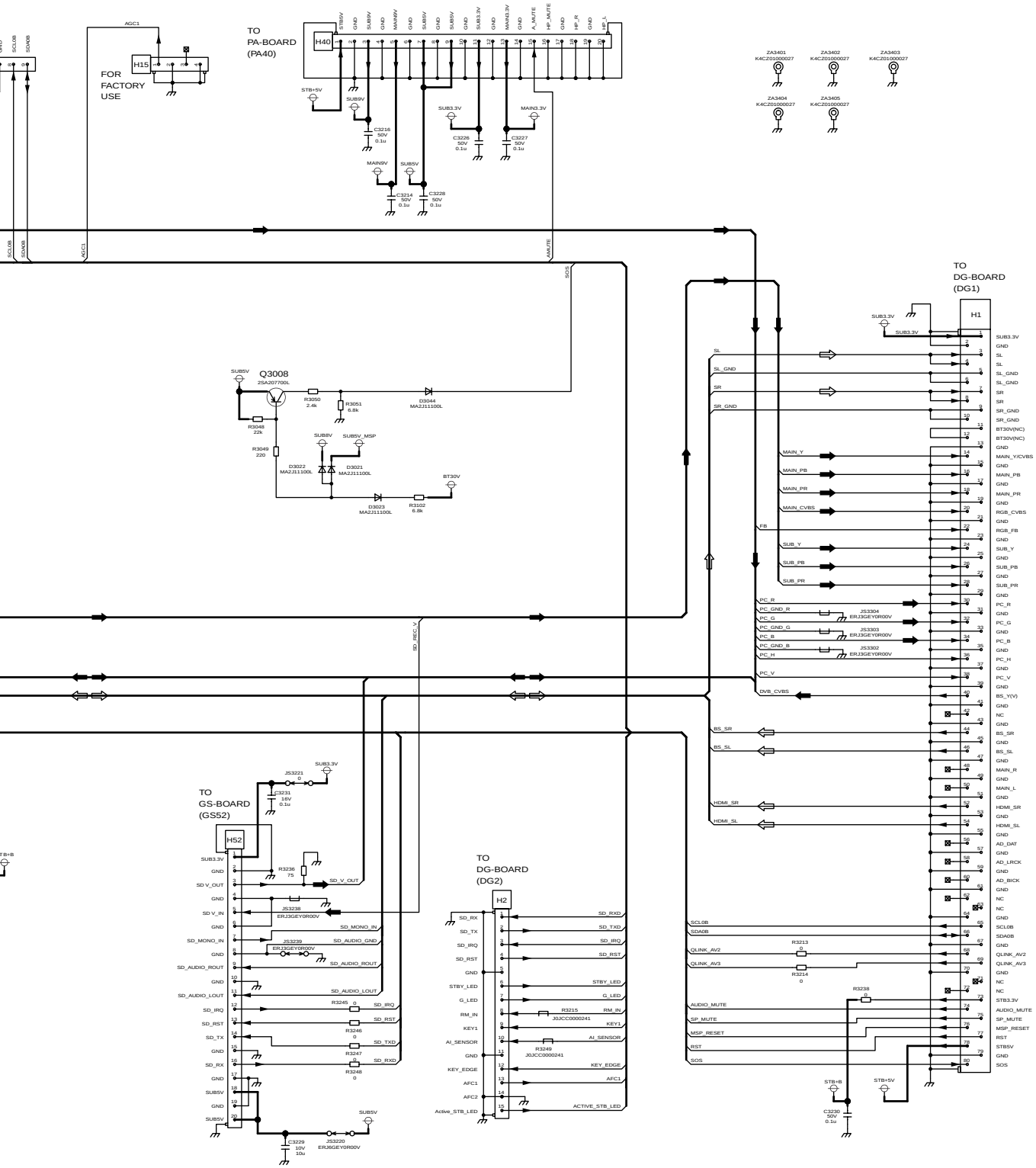
TH-50PV600E, TH-50PX600B H-Board (2 of 3) Schematic Diagram

14.14. H-Board (3 of 3)Schematic Diagram





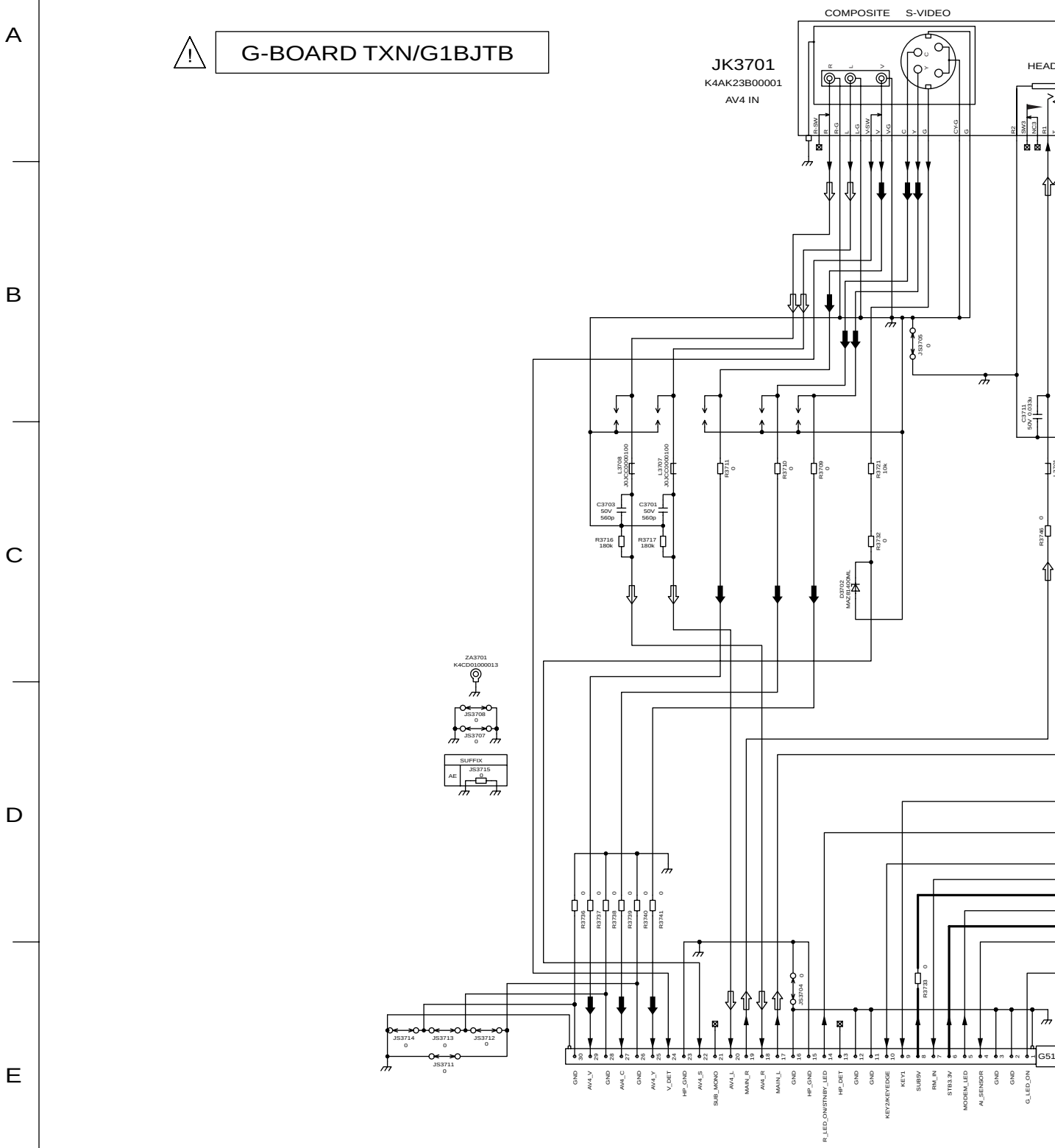
TH-50PV600E, TH-50PX600B H-Board (3 of 3) Schematic Diagram



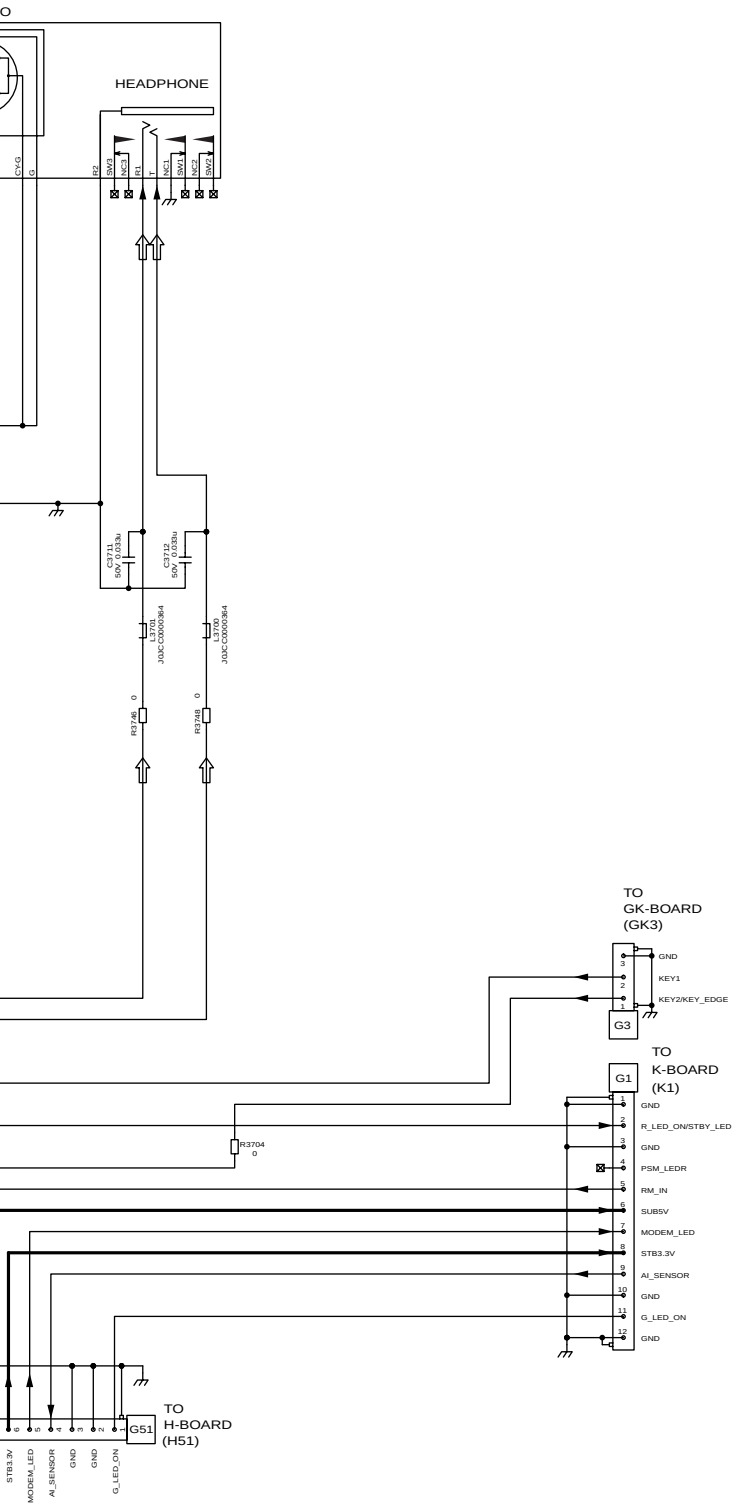
TH-50PV600E, TH-50PX600B
H-Board (3 of 3) Schematic Diagram

23	24	25	26	27

14.15. G-Board Schematic Diagram



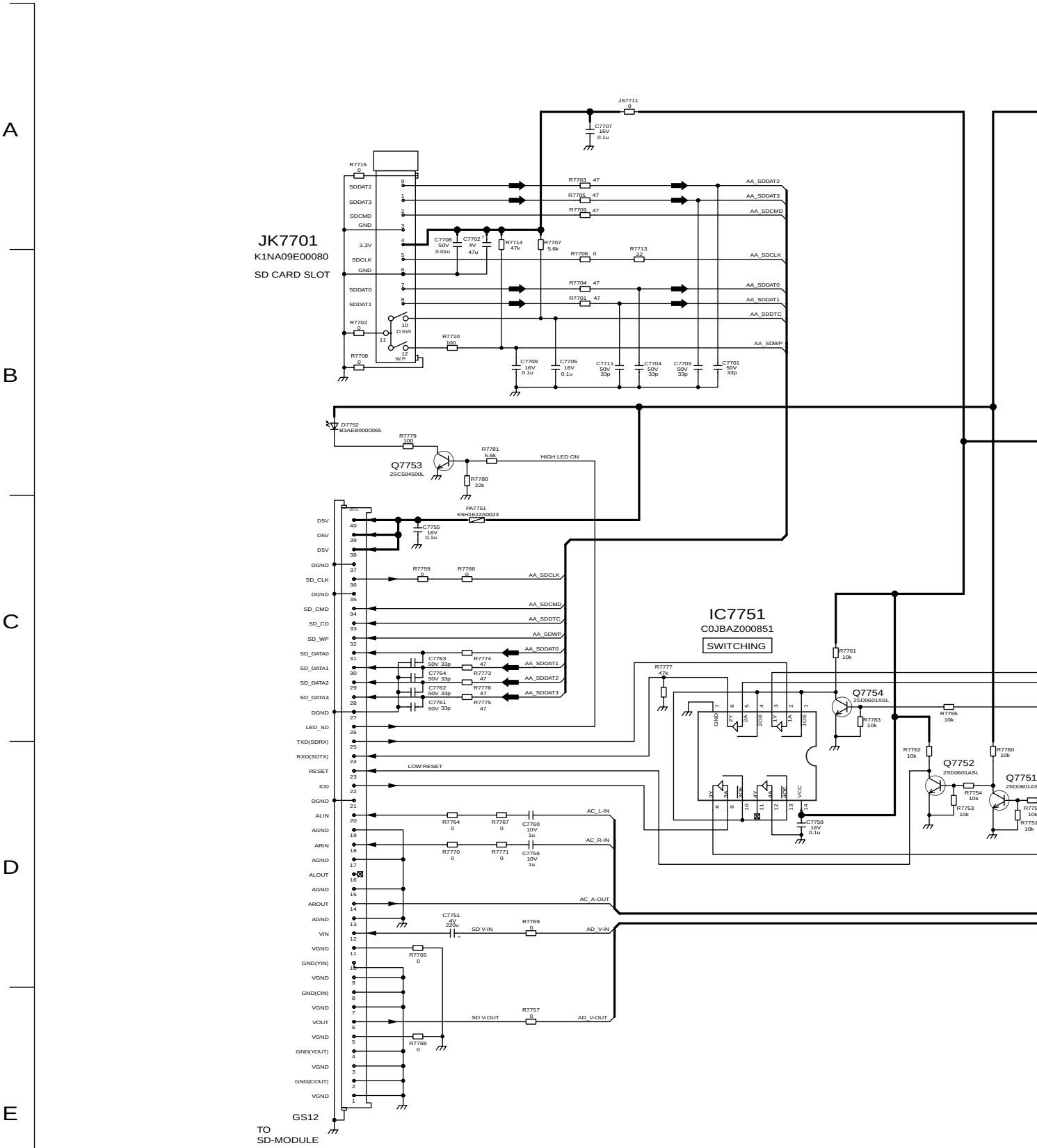
TH-50PV600E, TH-50PX600B
G-Board Schematic Diagram



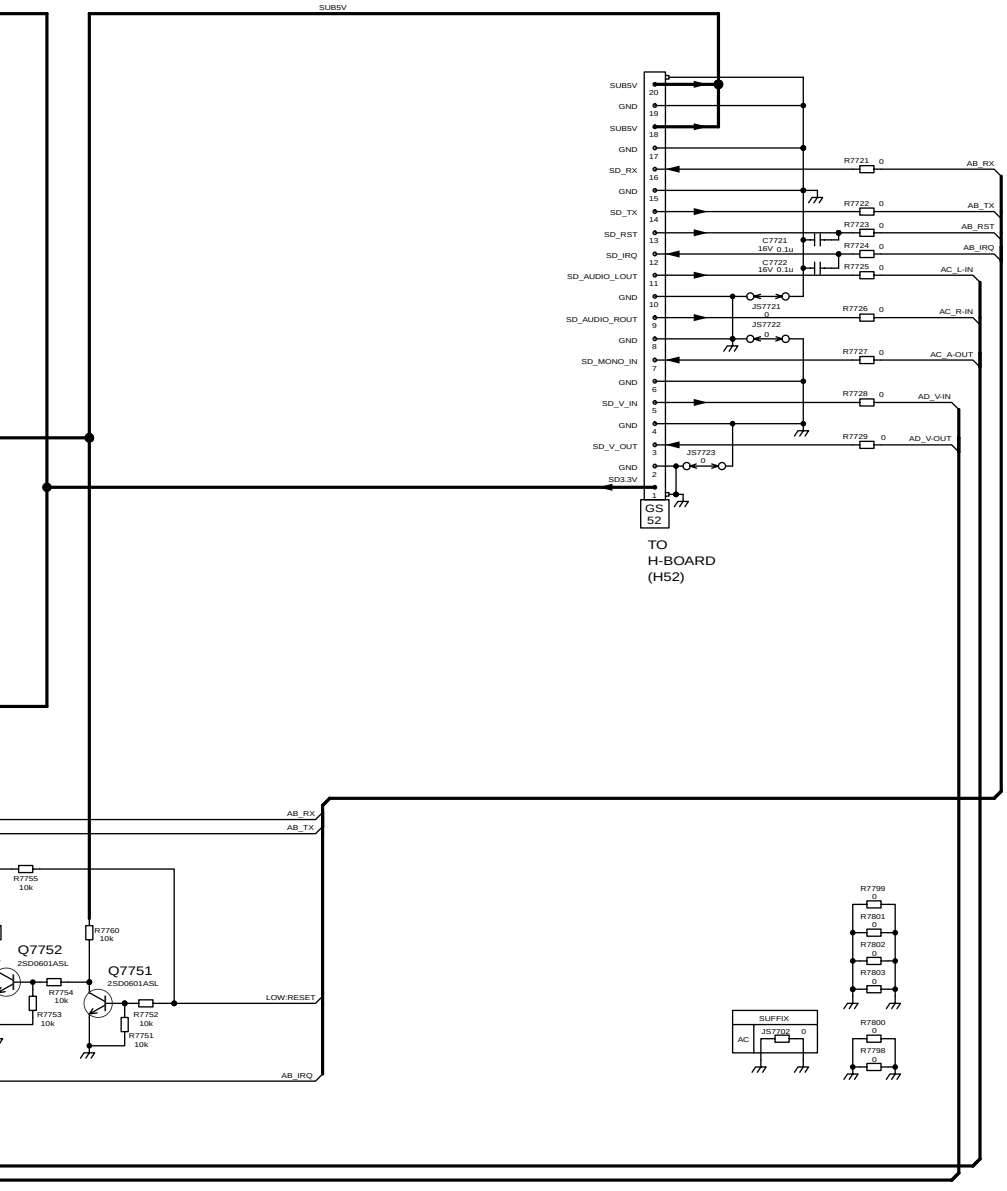
TH-50PV600E, TH-50PX600B
G-Board Schematic Diagram

4 5 6 7 8

14.16. GS-Board Schematic Diagram

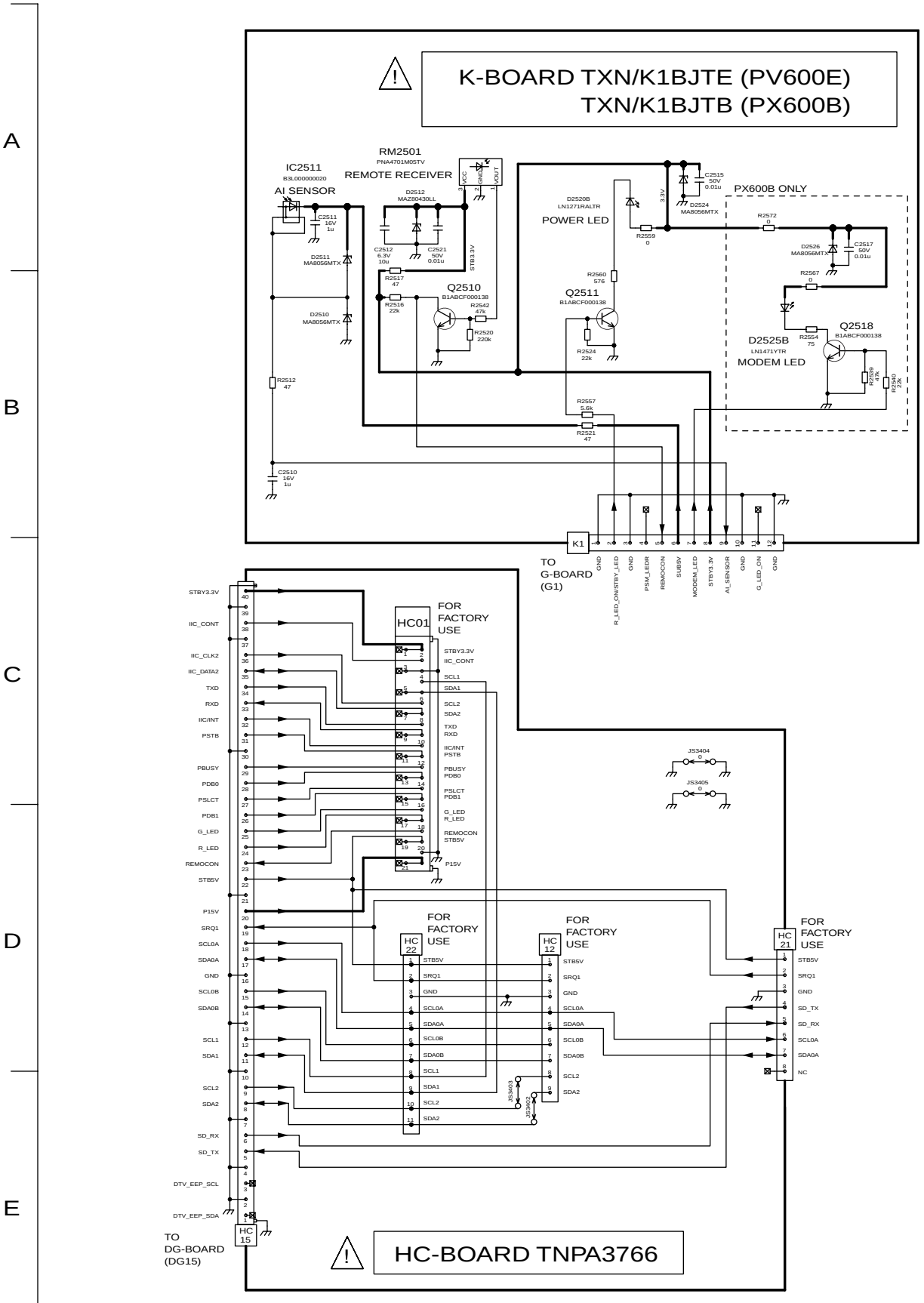


TH-50PV600E, TH-50PX600B
GS-Board Schematic Diagram

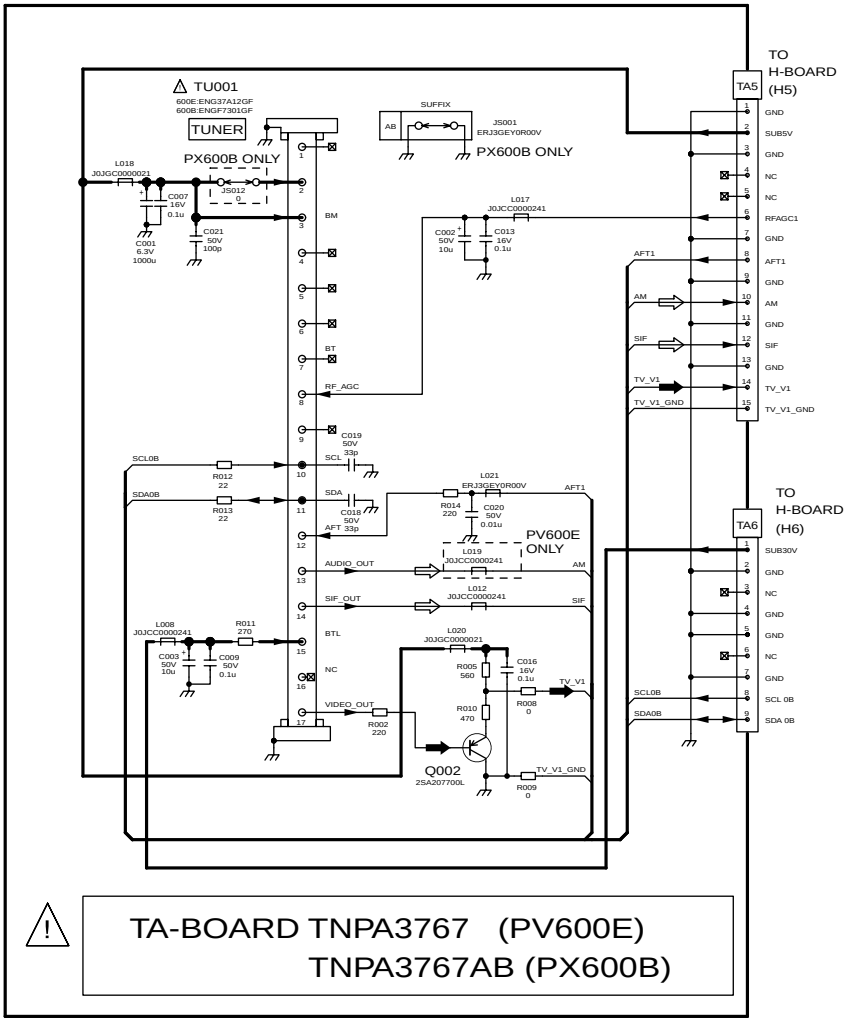


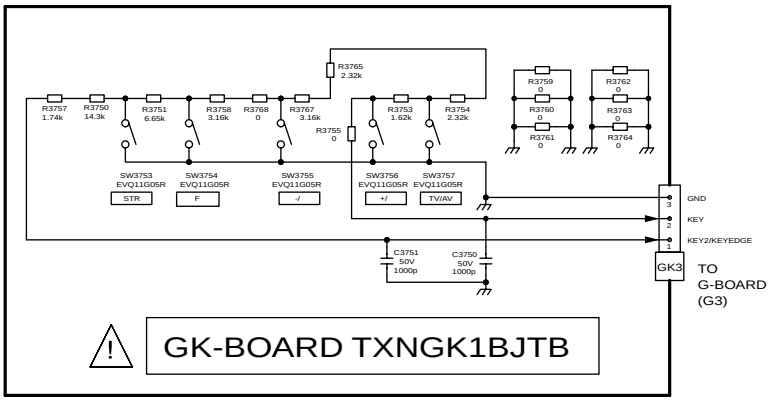
⚠ GS-BOARD TXNGS1BETB

14.17. GK, K, HC and TA-Board Schematic Diagram

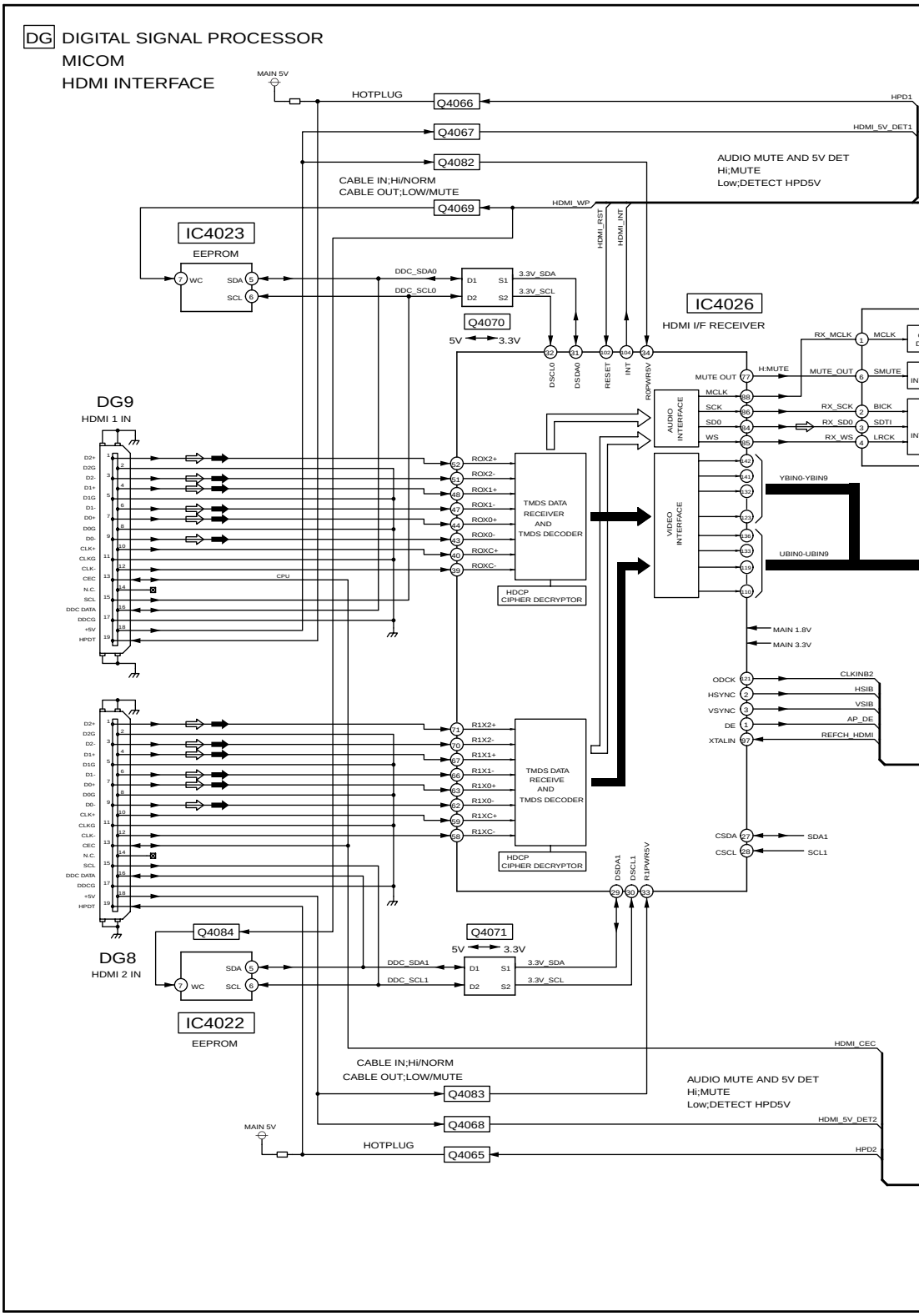


TH-50PV600E, TH-50PX600B GK, HC, K and TA-Board Schematic Diagram

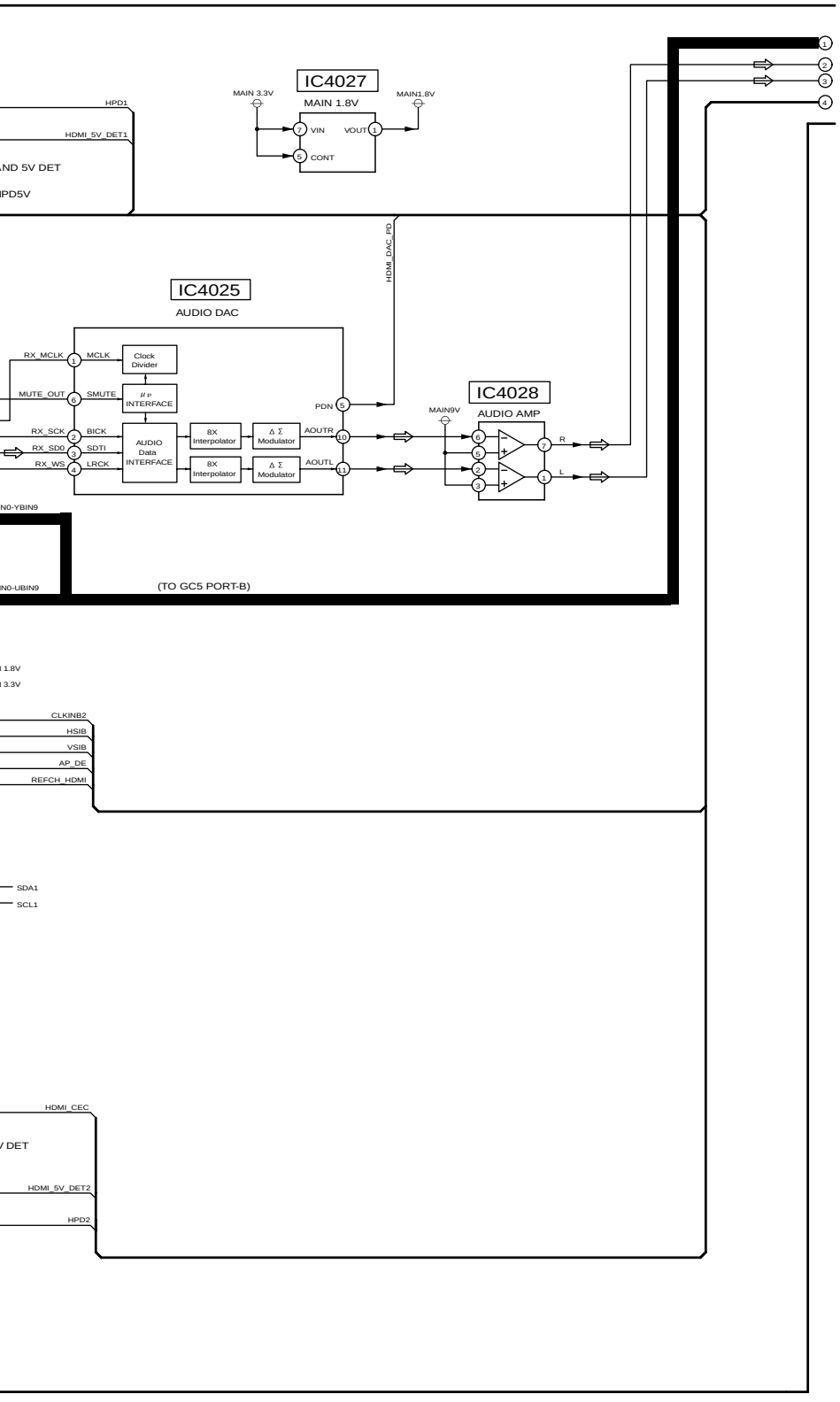

TU001
600E:ENG37A12GF
600B:ENGF7301GF
TUNER
PX600B ONLY
SUFFIX
JS001
ERJ3GEY0R00V
PX600B ONLY
TO
H-BOARD
(H5)
TA5
GND
SUB5V
GND
NC
NC
RFAGC1
GND
AFT1
GND
AM
GND
SIF
GND
TV_V1
TV_V1_GND
BM
BT
RF_AGC
SCL0B
SDA0B
SCL
SDA
AFT
AUDIO_OUT
SIF_OUT
BTL
NC
VIDEO_OUT
PV600E
ONLY
TO
H-BOARD
(H6)
TA6
SUB30V
GND
NC
GND
GND
NC
GND
SCL 0B
SDA 0B
Q002
2SA2077OOL
TA-BOARD TNPA3767 (PV600E)
TNPA3767AB (PX600B)


SW3753
EVQ11G05R
STR
SW3754
EVQ11G05R
F
SW3755
EVQ11G05R
-/
SW3756
EVQ11G05R
+/
SW3757
EVQ11G05R
TV/AV
GND
KEY
KEY2/KEYEDGE
GK3
TO
G-BOARD
(G3)
GK-BOARD TXNGK1BJTB

14.18. DG-Board (1 of 3) Block Diagram

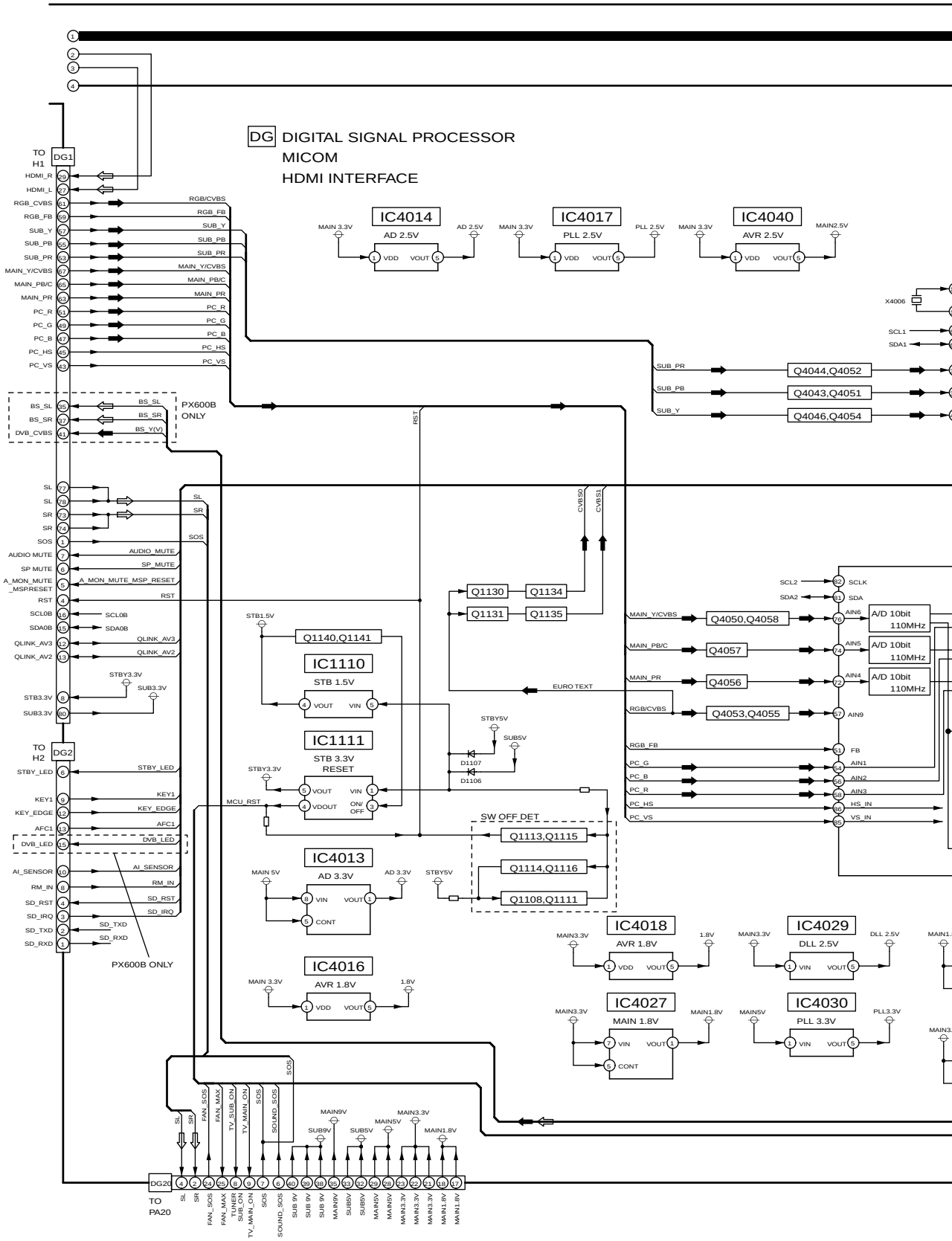


TH-50PV600E, TH-50PX600B
DG-Board (1 of 3) Block Diagram

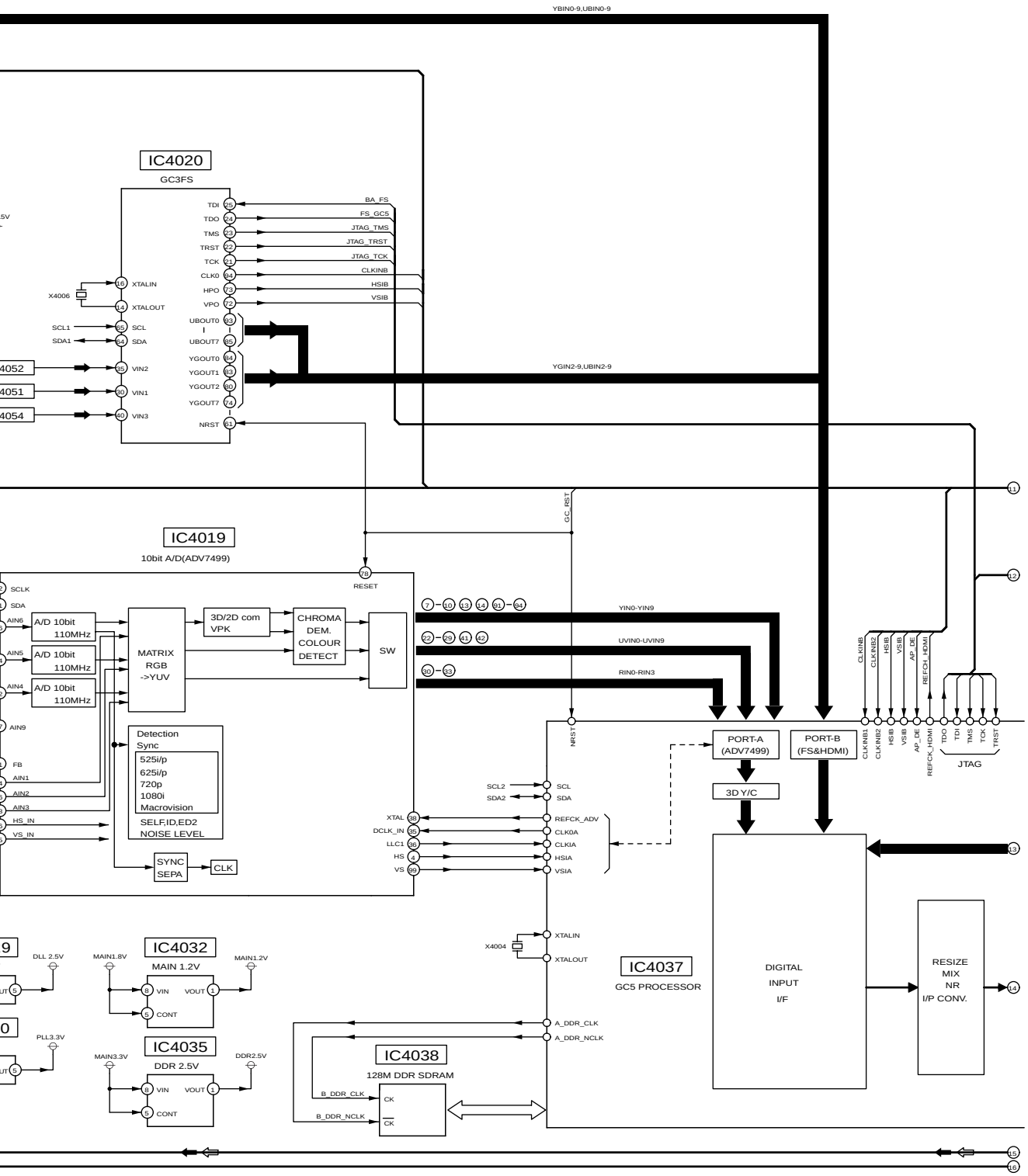


TH-50PV600E, TH-50PX600B
DG-Board (1 of 3) Block Diagram

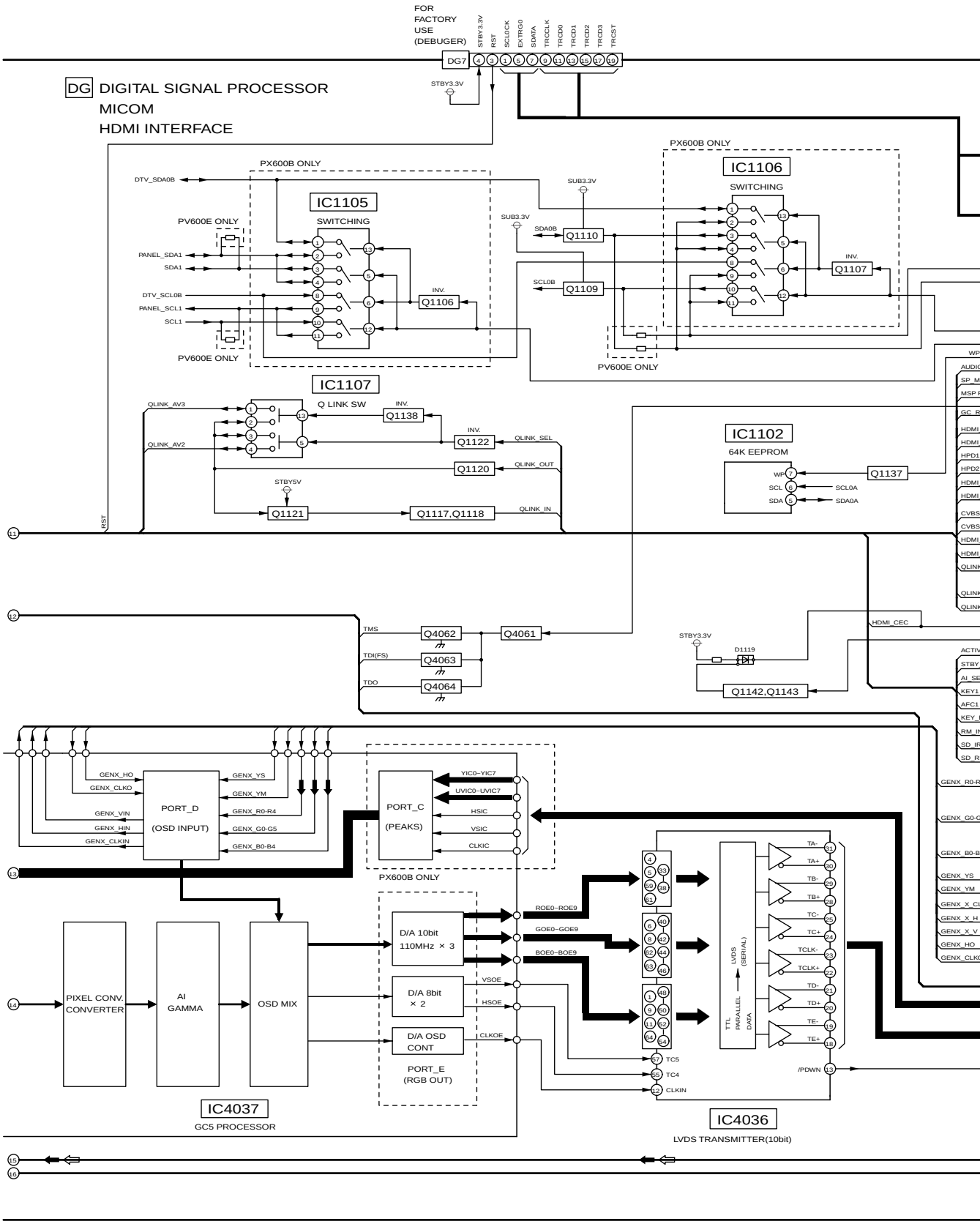
14.19. DG-Board (2 of 3) Block Diagram



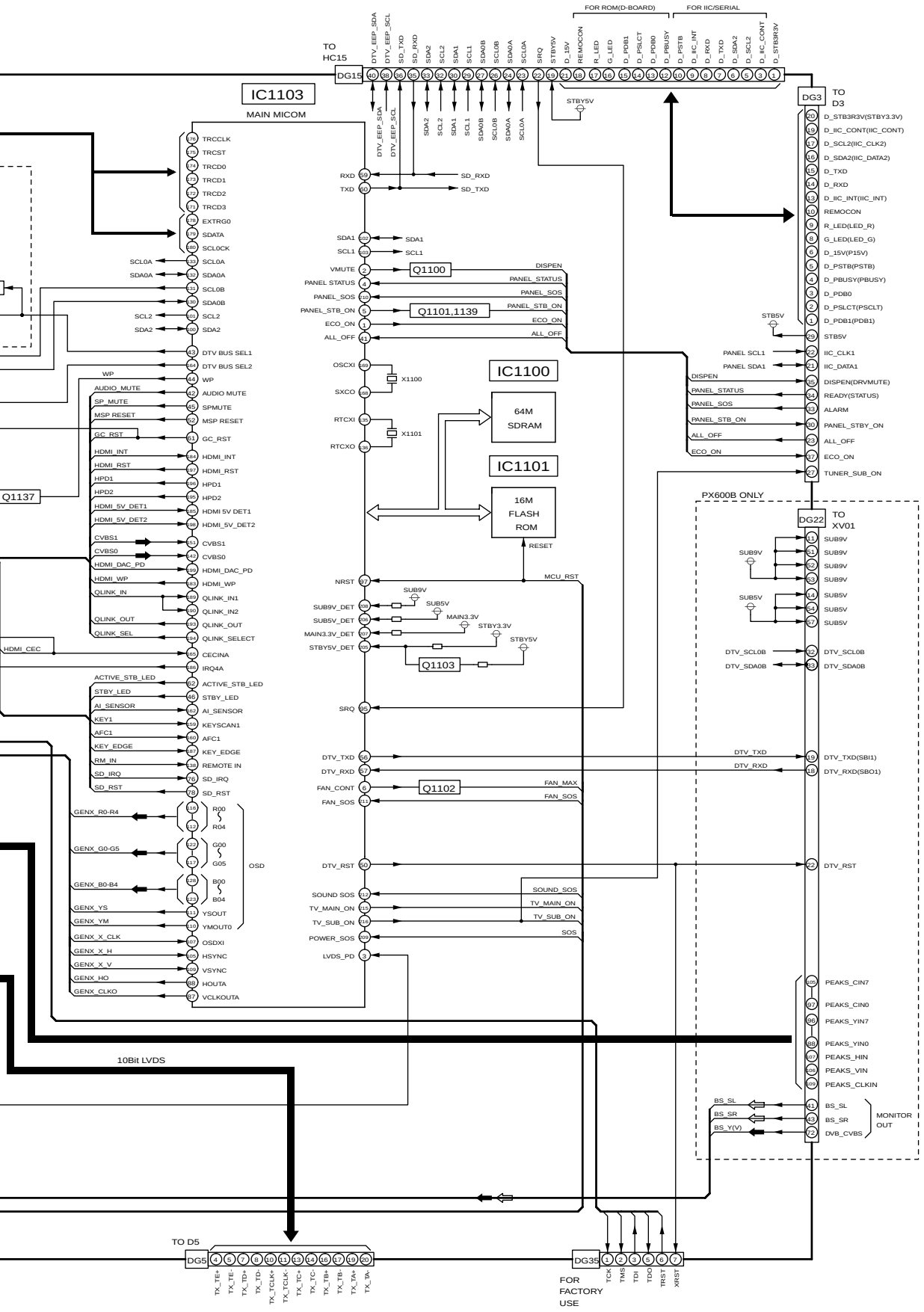
TH-50PV600E, TH-50PX600B
DG-Board (2 of 3) Block Diagram


YBIN0-9,UBIN0-9
IC4020
GC3FS
BA_FS
FS_GC5
JTAG_TMS
JTAG_TRST
JTAG_TCK
CLKINB
HSIB
VSIB
YGIN2-9,UBIN2-9
GC_RST
IC4019
10bit A/D(ADV7499)
RESET
A/D 10bit 110MHz
MATRIX RGB ->YUV
3D/2D com VPK
CHROMA DEM. COLOUR DETECT
SW
Detection Sync
525i/p
625i/p
720p
1080i
Macrovision
SELF,ID,ED2
NOISE LEVEL
SYNC SEPA
CLK
YIN0-YIN9
UVIN0-UVIN9
RIN0-RIN3
PORT-A (ADV7499)
PORT-B (FS&HDMI)
JTAG
3D Y/C
IC4037
GC5 PROCESSOR
DIGITAL INPUT I/F
RESIZE MIX NR I/P CONV.
IC4032
MAIN 1.2V
IC4035
DDR 2.5V
IC4038
128M DDR SDRAM
X4004
X4006

14.20. DG-Board (3 of 3) Block Diagram

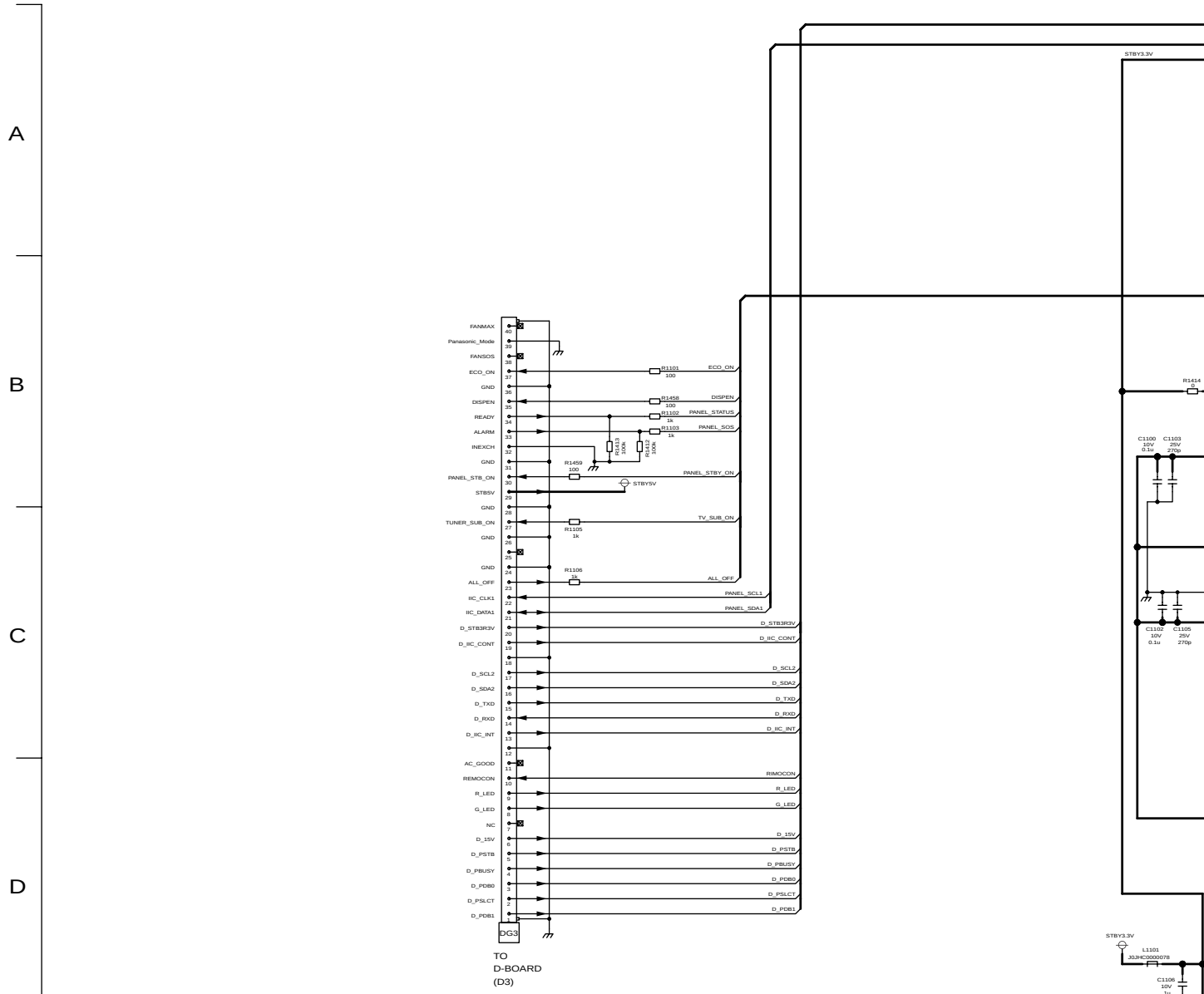


TH-50PV600E, TH-50PX600B
DG-Board (3 of 3) Block Diagram

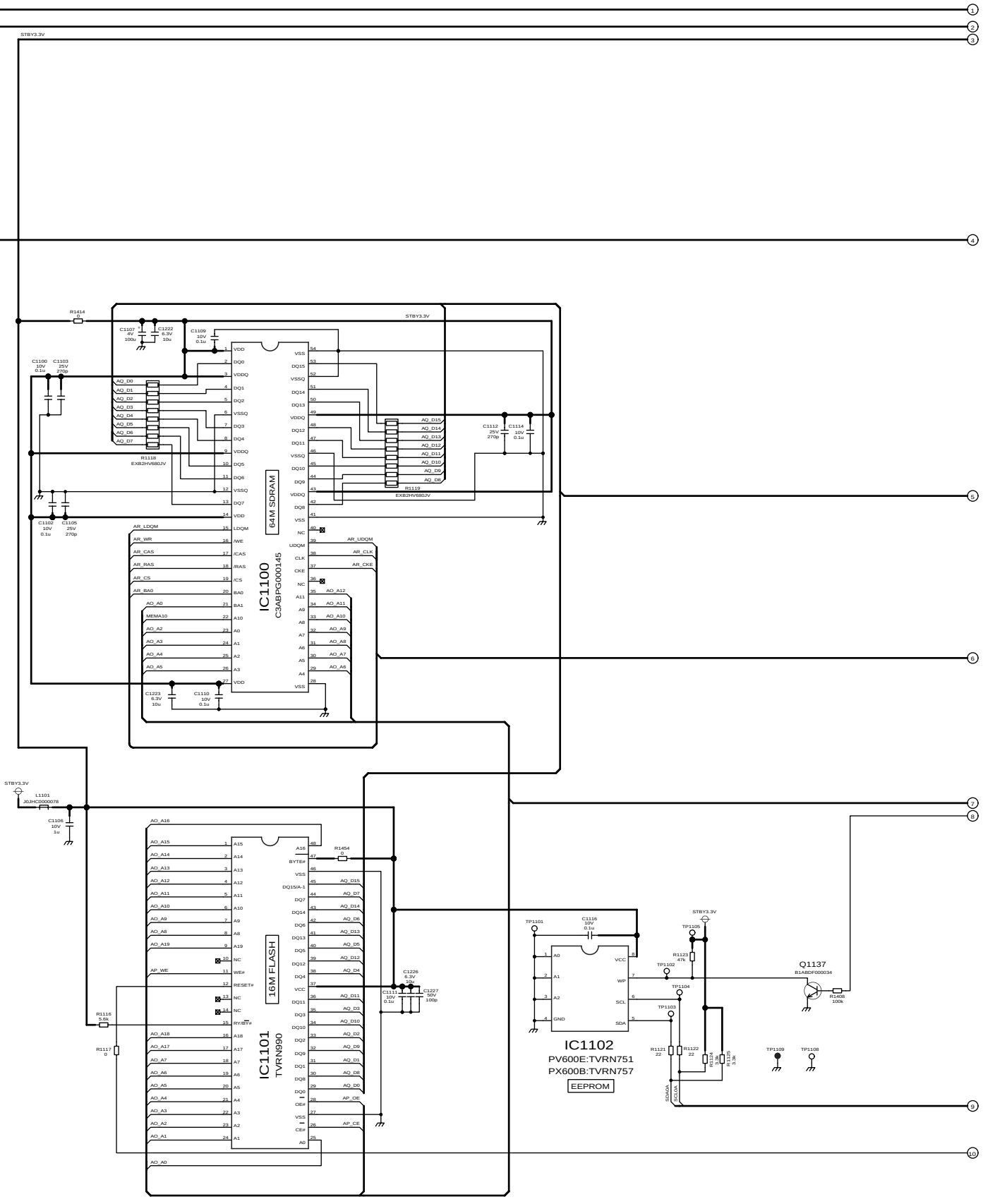


TH-50PV600E, TH-50PX600B
DG-Board (3 of 3) Block Diagram

14.21. DG-Board (1 of 8) Schematic Diagram

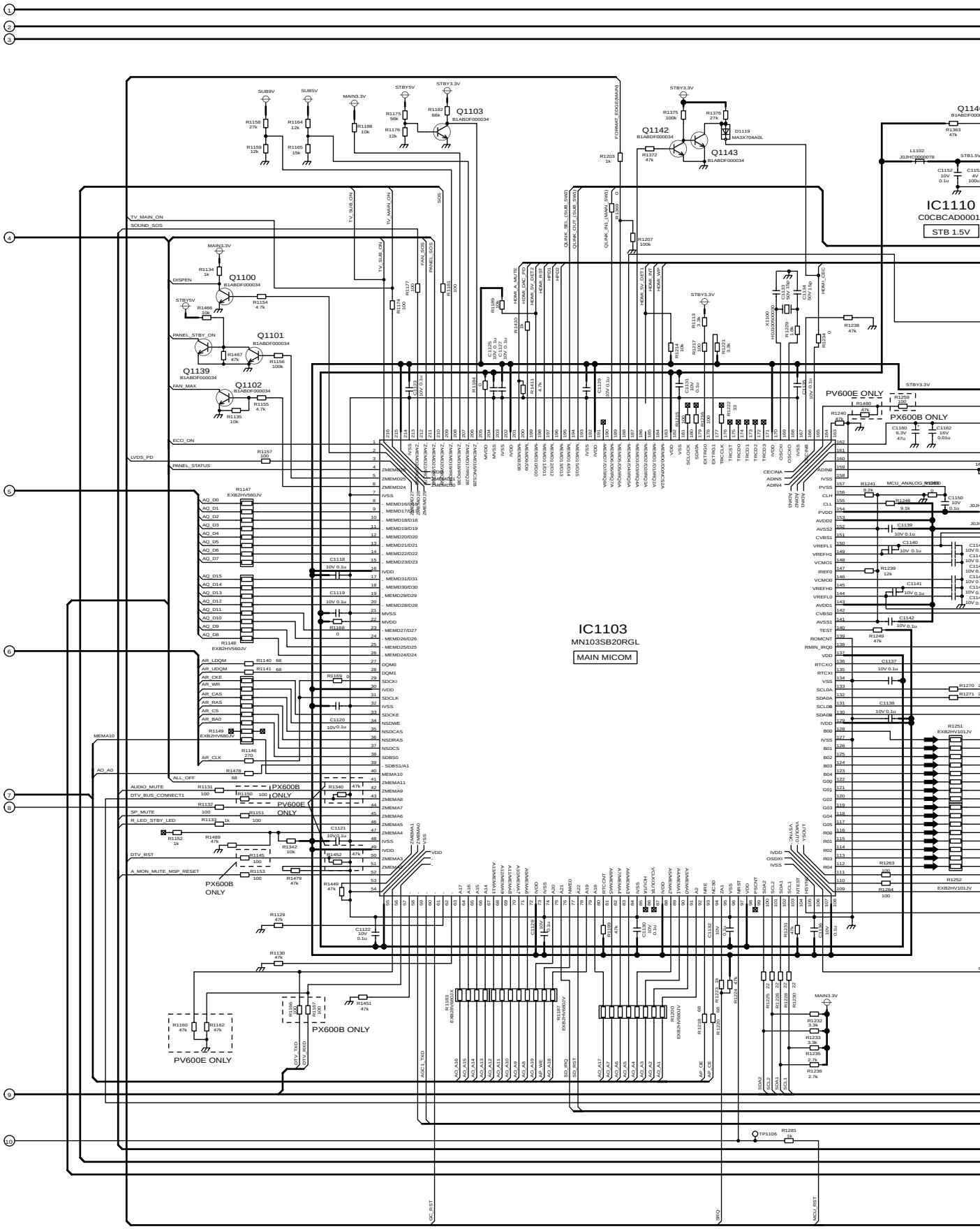


DG-BOARD (1/8)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)

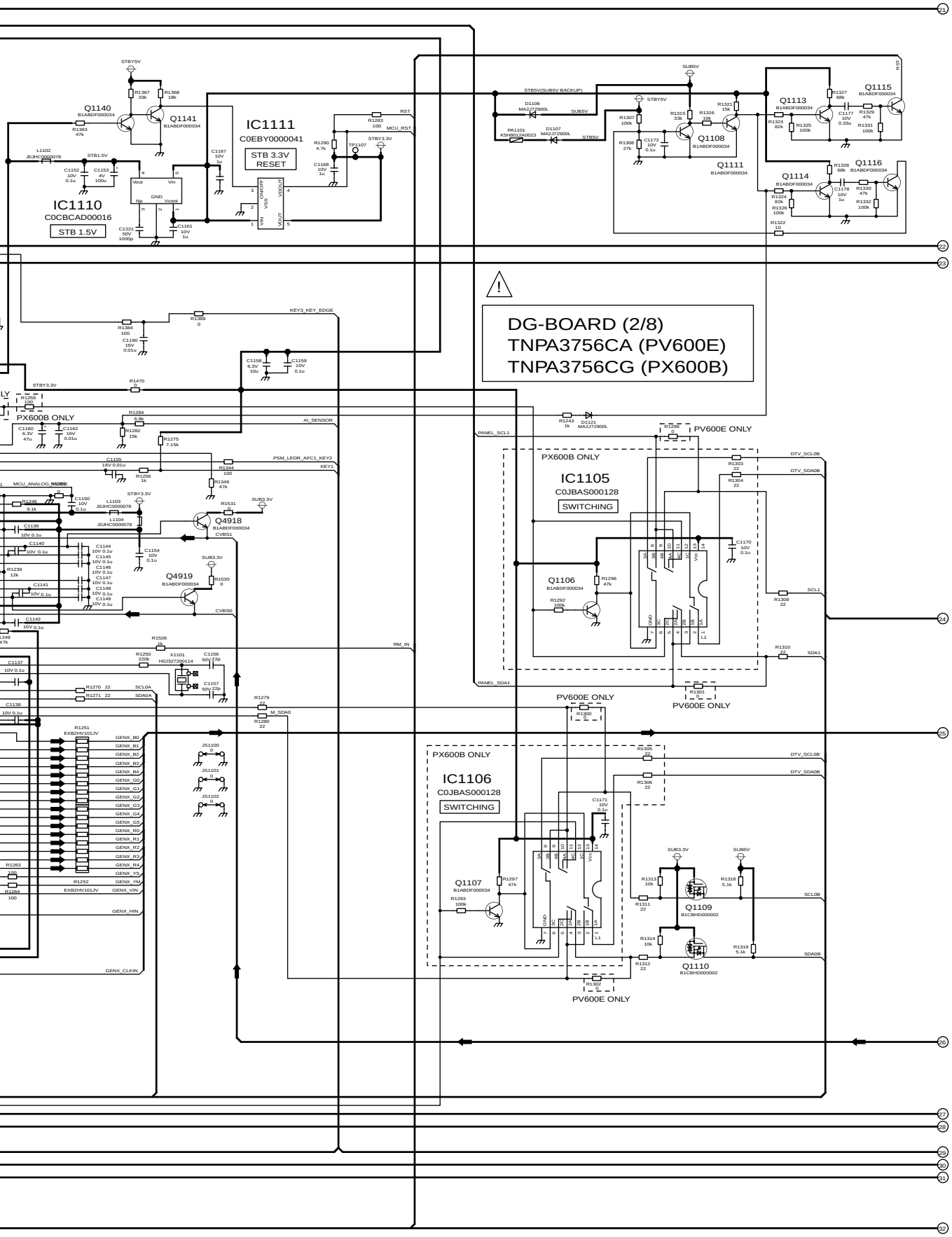


TH-50PV600E, TH-50PX600B
DG-Board (1 of 8) Schematic Diagram

14.22. DG-Board (2 of 8) Schematic Diagram



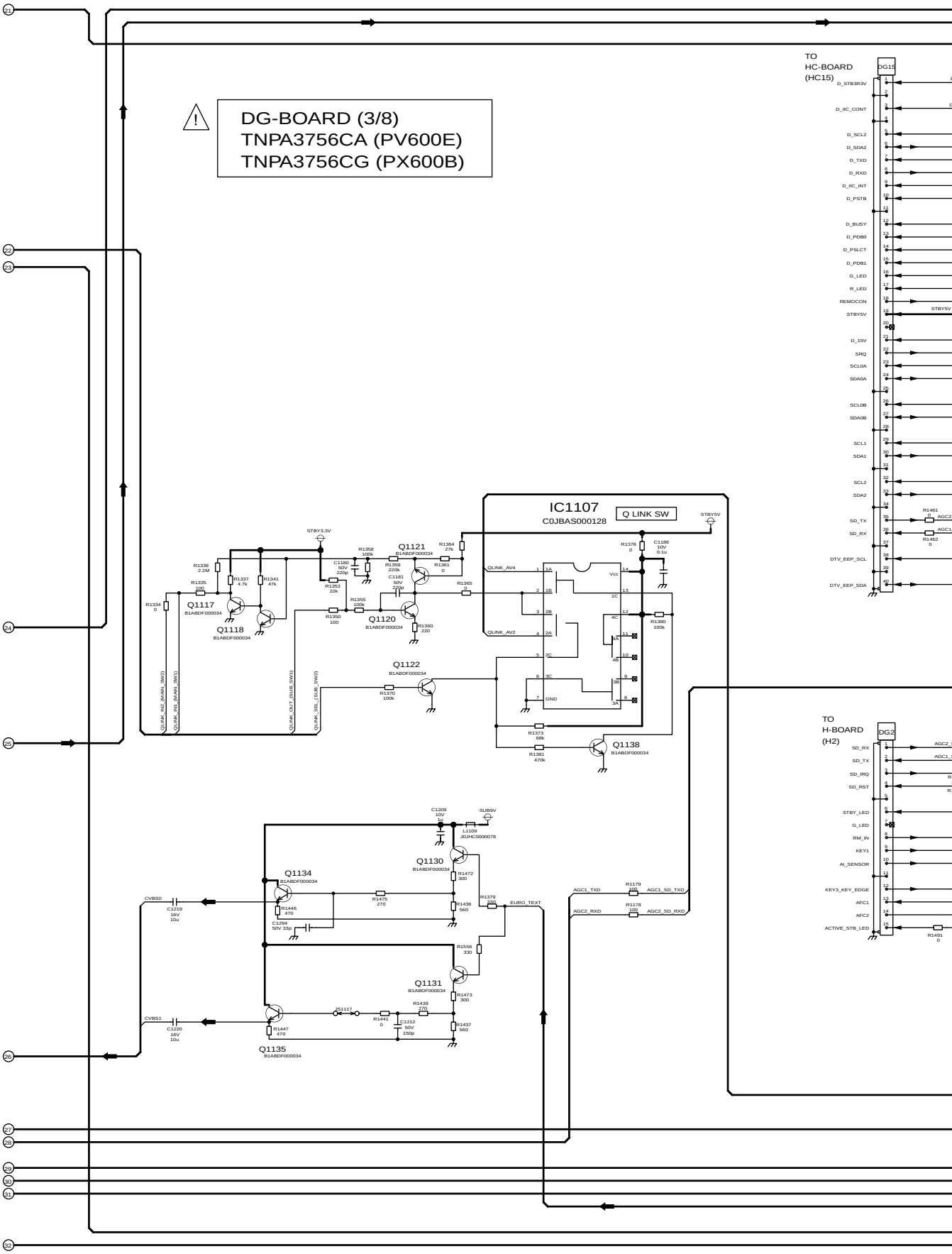
TH-50PV600E, TH-50PX600B DG-Board (2 of 8) Schematic Diagram



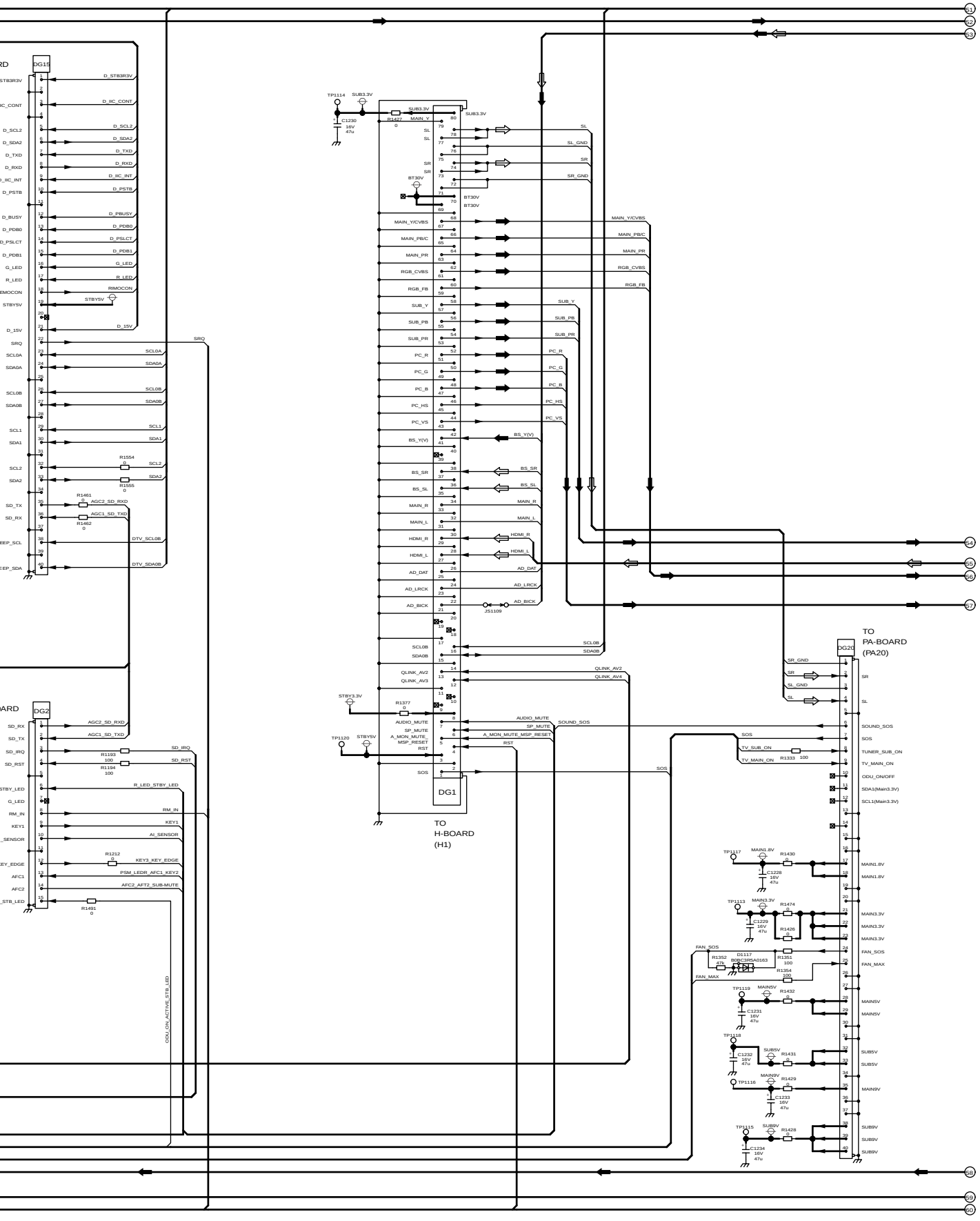
TH-50PV600E, TH-50PX600B DG-Board (2 of 8) Schematic Diagram

14	15	16	17	18

14.23. DG-Board (3 of 8) Schematic Diagram



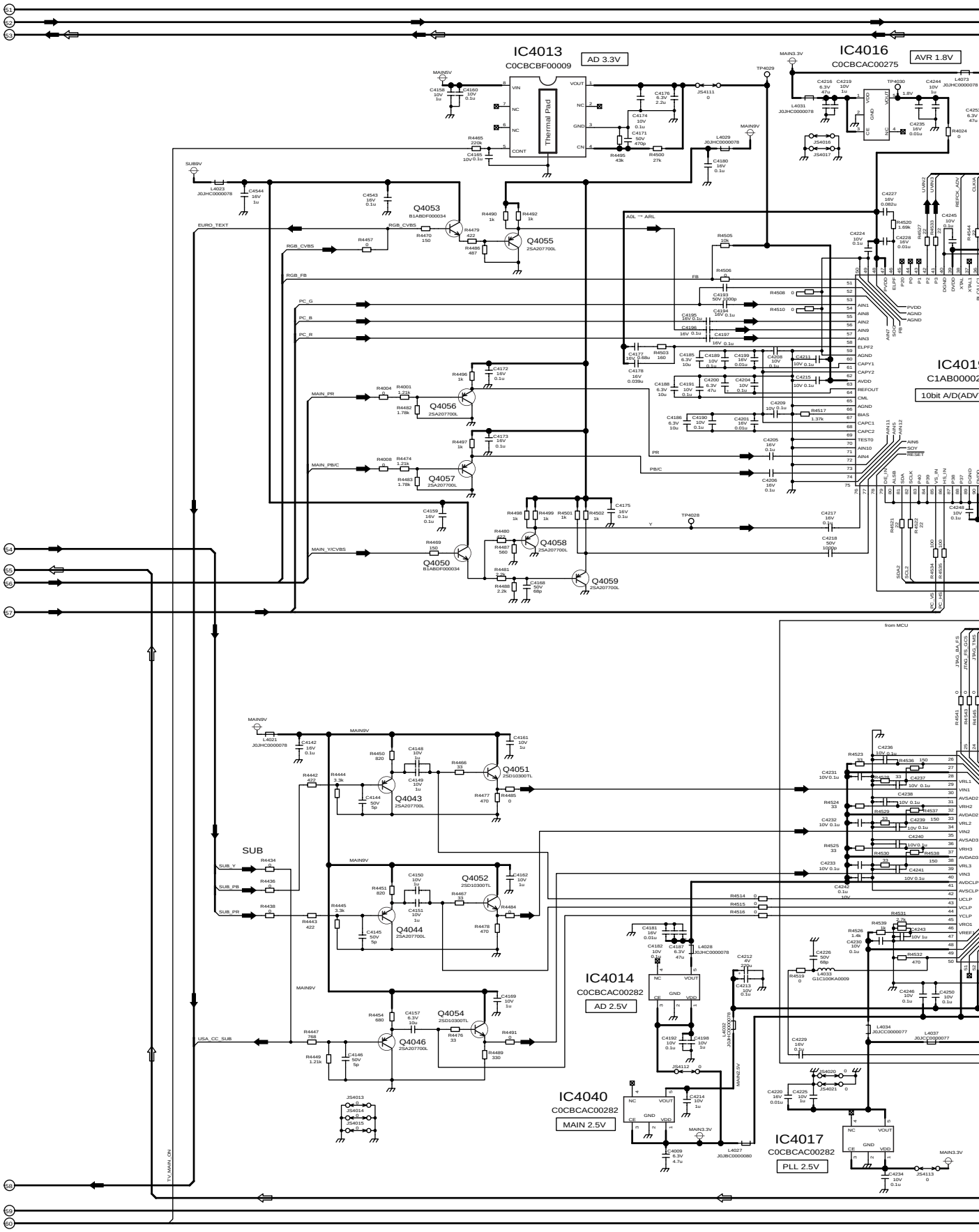
TH-50PV600E, TH-50PX600B DG-Board (3 of 8) Schematic Diagram



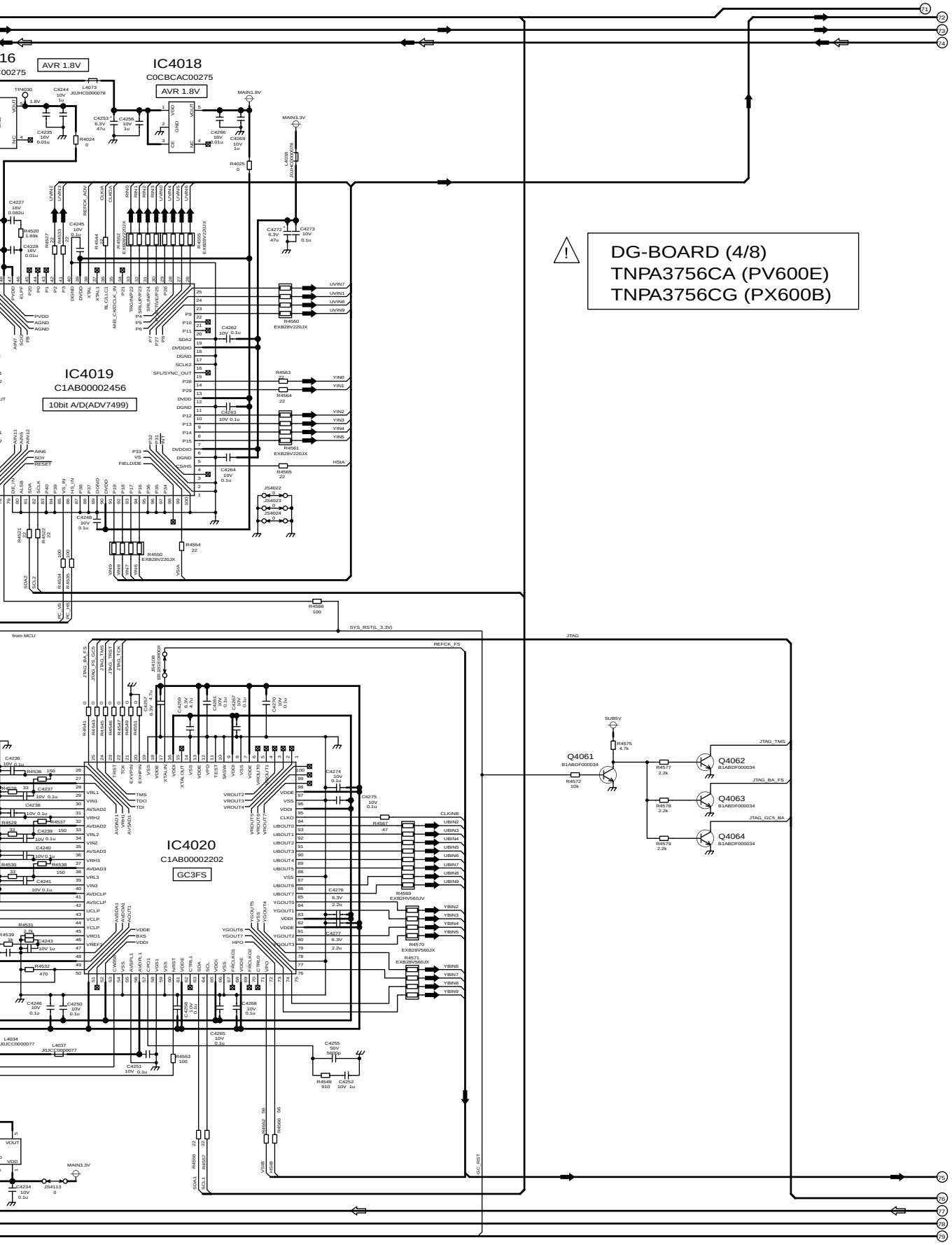
TH-50PV600E, TH-50PX600B DG-Board (3 of 8) Schematic Diagram

23 24 25 26 27

14.24. DG-Board (4 of 8) Schematic Diagram



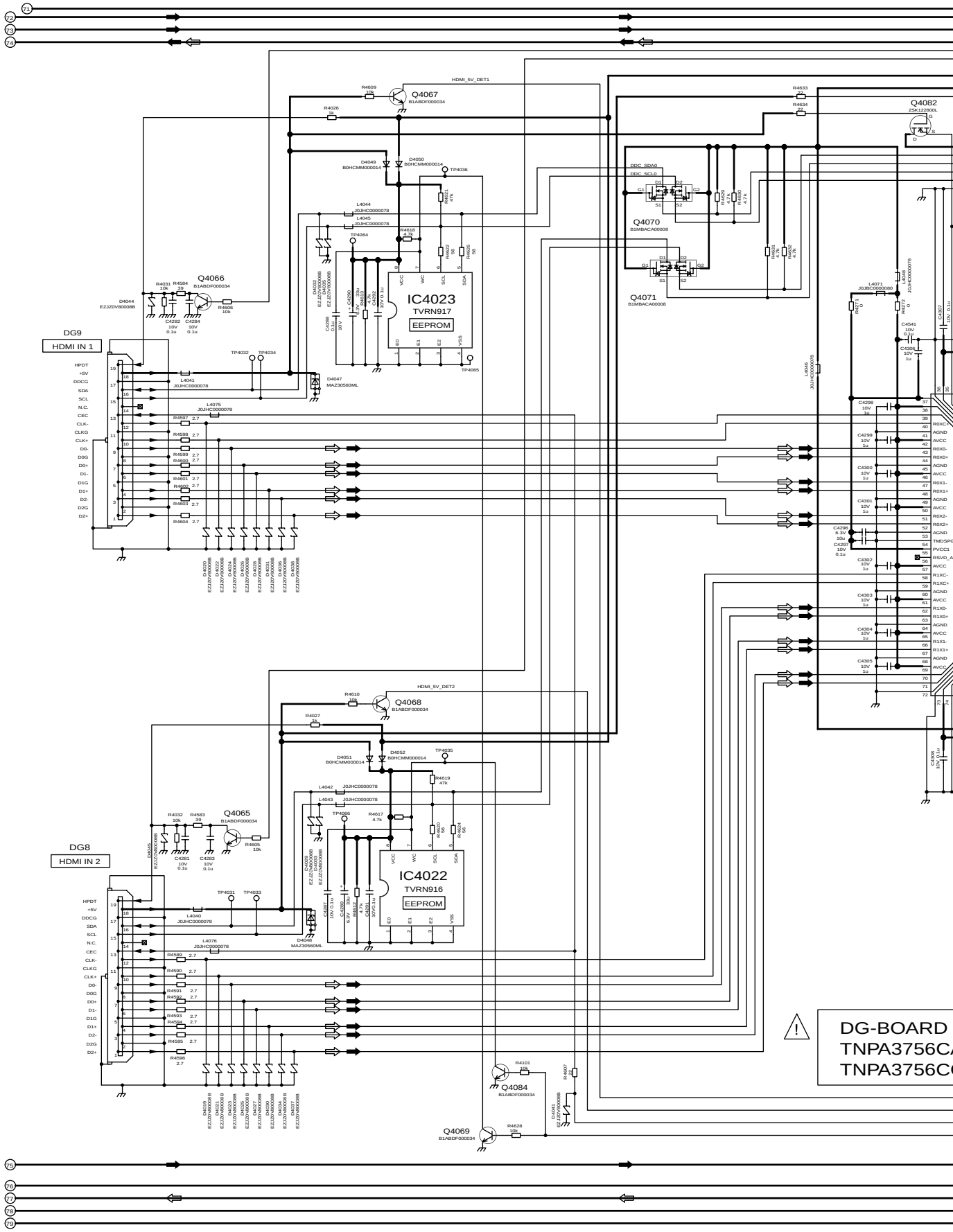
TH-50PV600E, TH-50PX600B DG-Board (4 of 8) Schematic Diagram



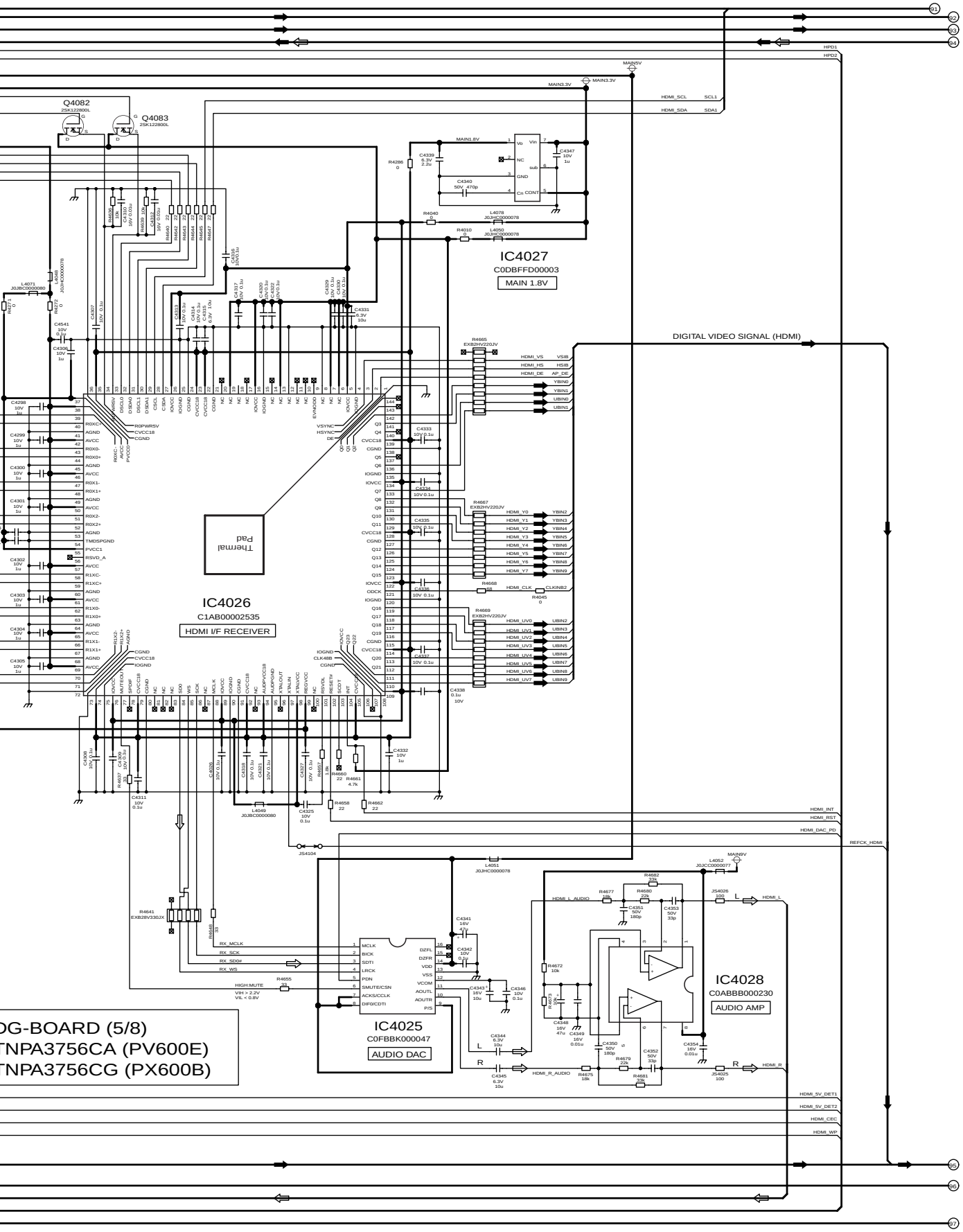
TH-50PV600E, TH-50PX600B DG-Board (4 of 8) Schematic Diagram

32 33 34 35 36

14.25. DG-Board (5 of 8) Schematic Diagram



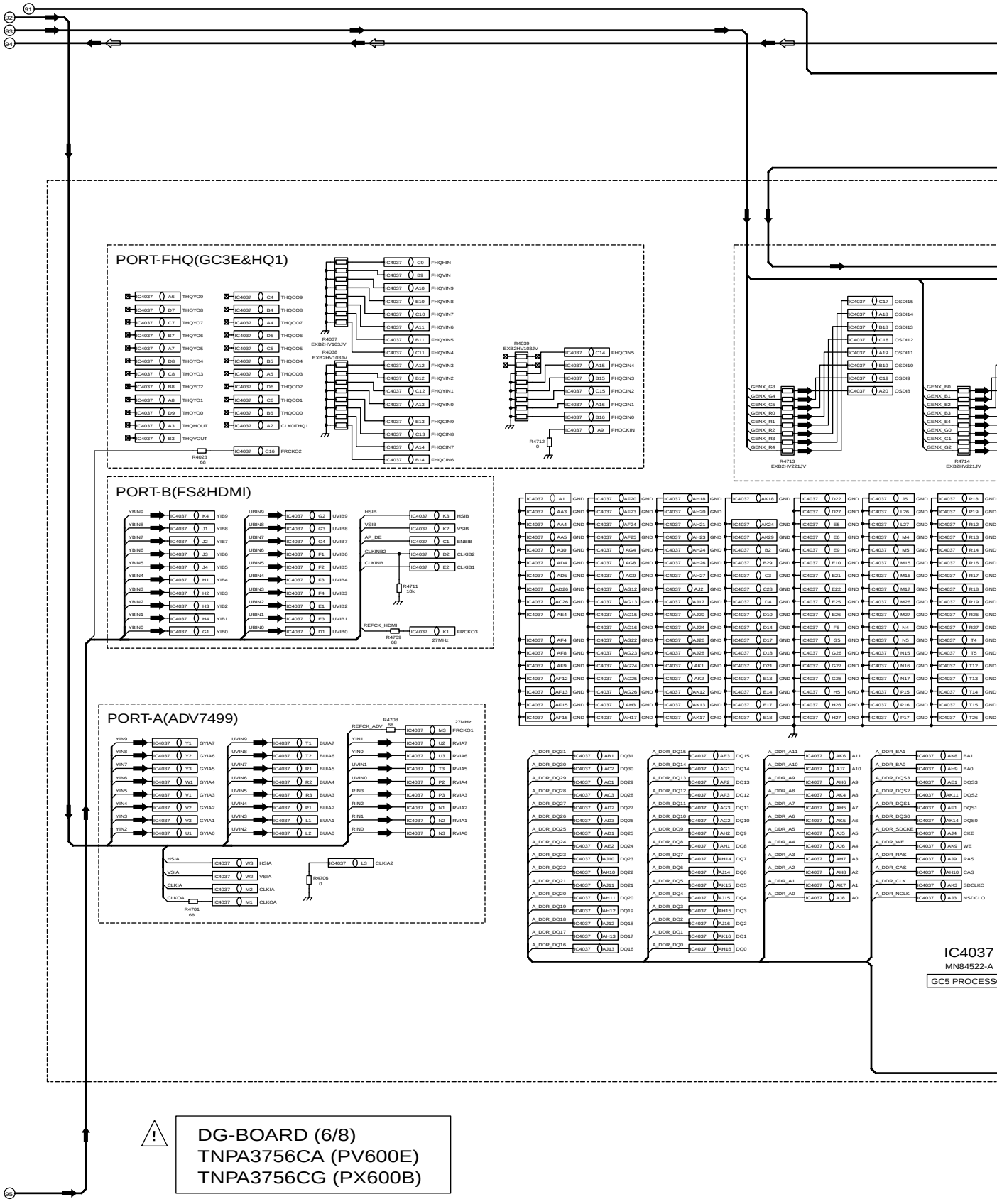
TH-50PV600E, TH-50PX600B DG-Board (5 of 8) Schematic Diagram



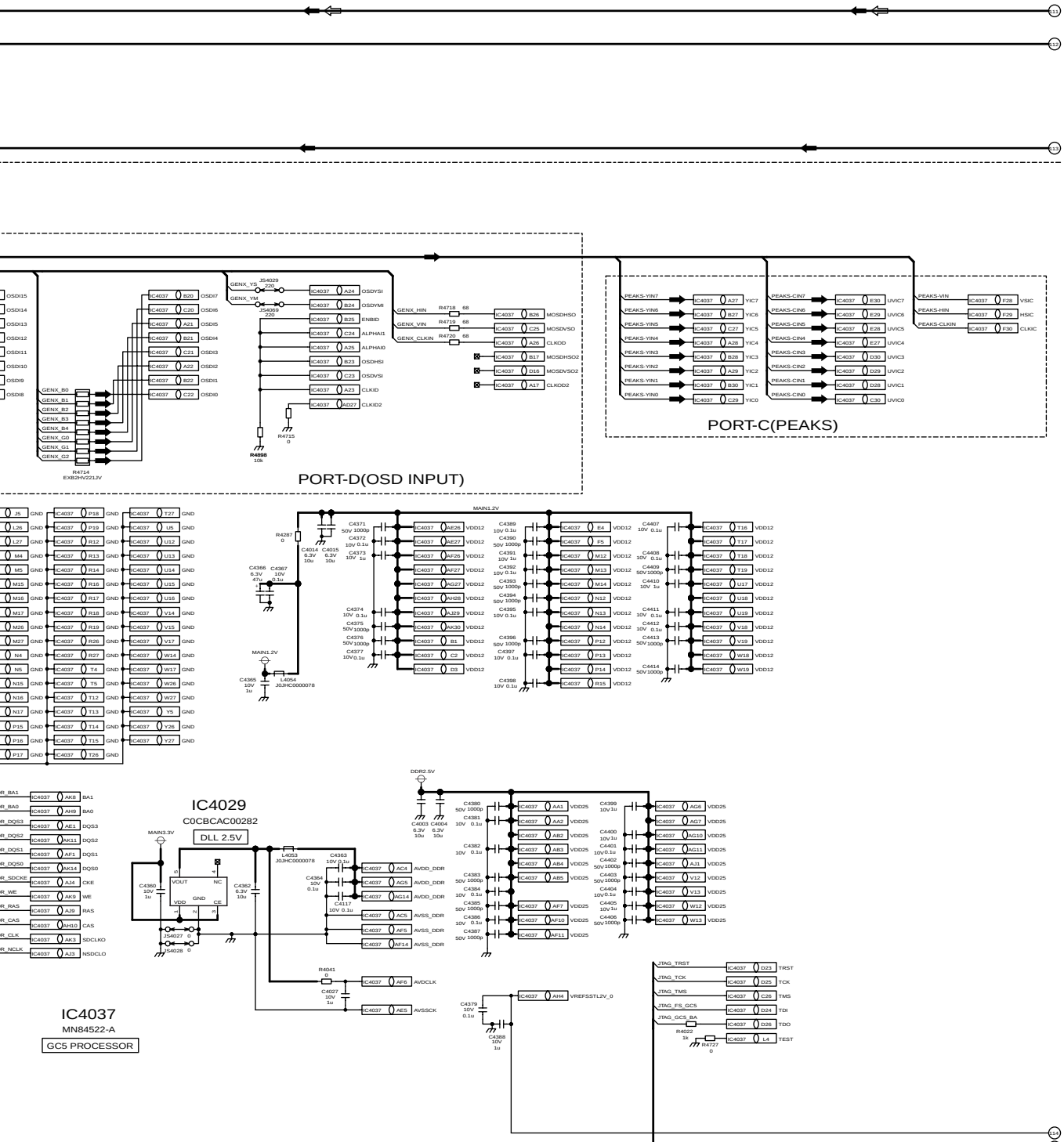
TH-50PV600E, TH-50PX600B DG-Board (5 of 8) Schematic Diagram

41 42 43 44 45

14.26. DG-Board (6 of 8) Schematic Diagram

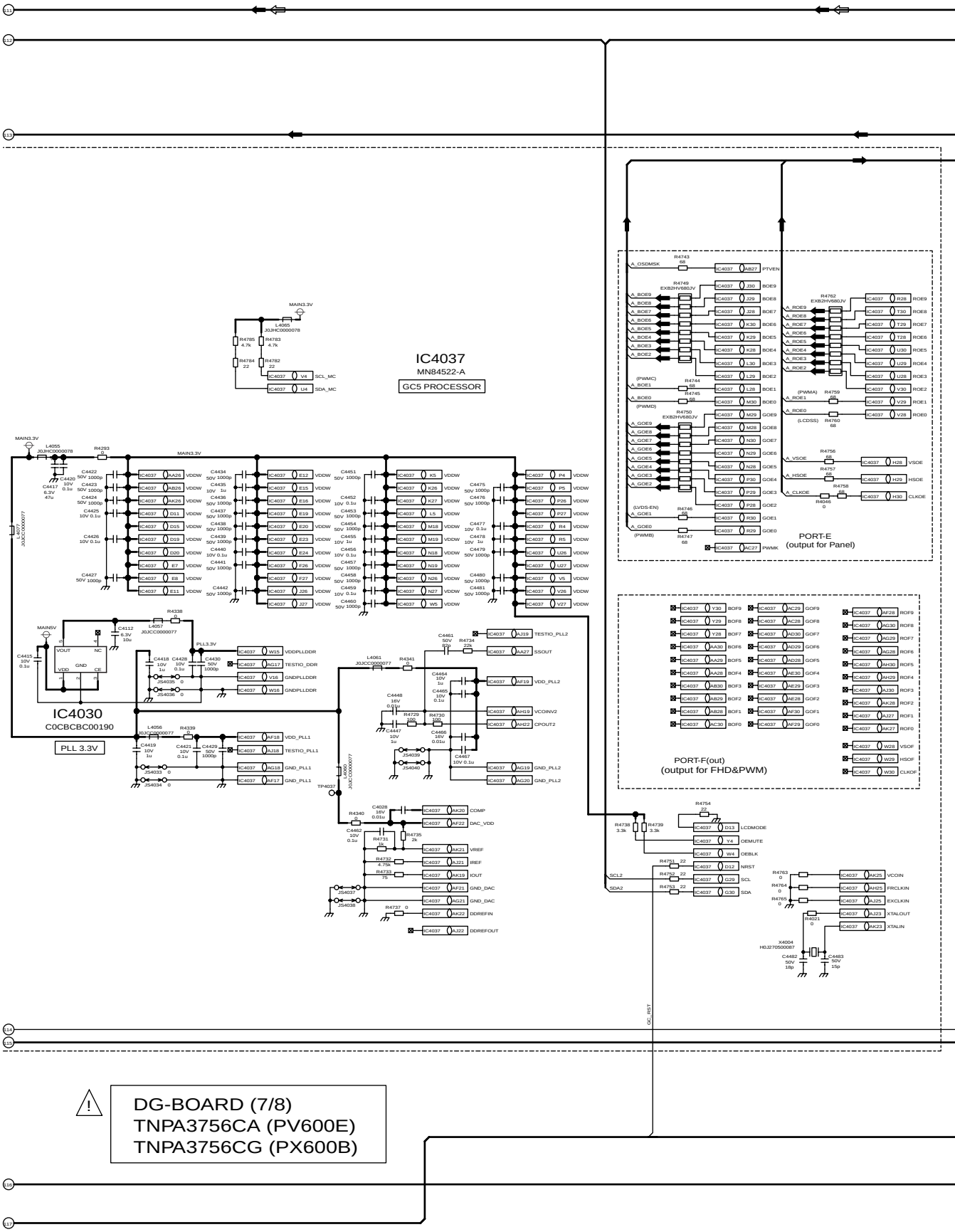


TH-50PV600E, TH-50PX600B DG-Board (6 of 8) Schematic Diagram

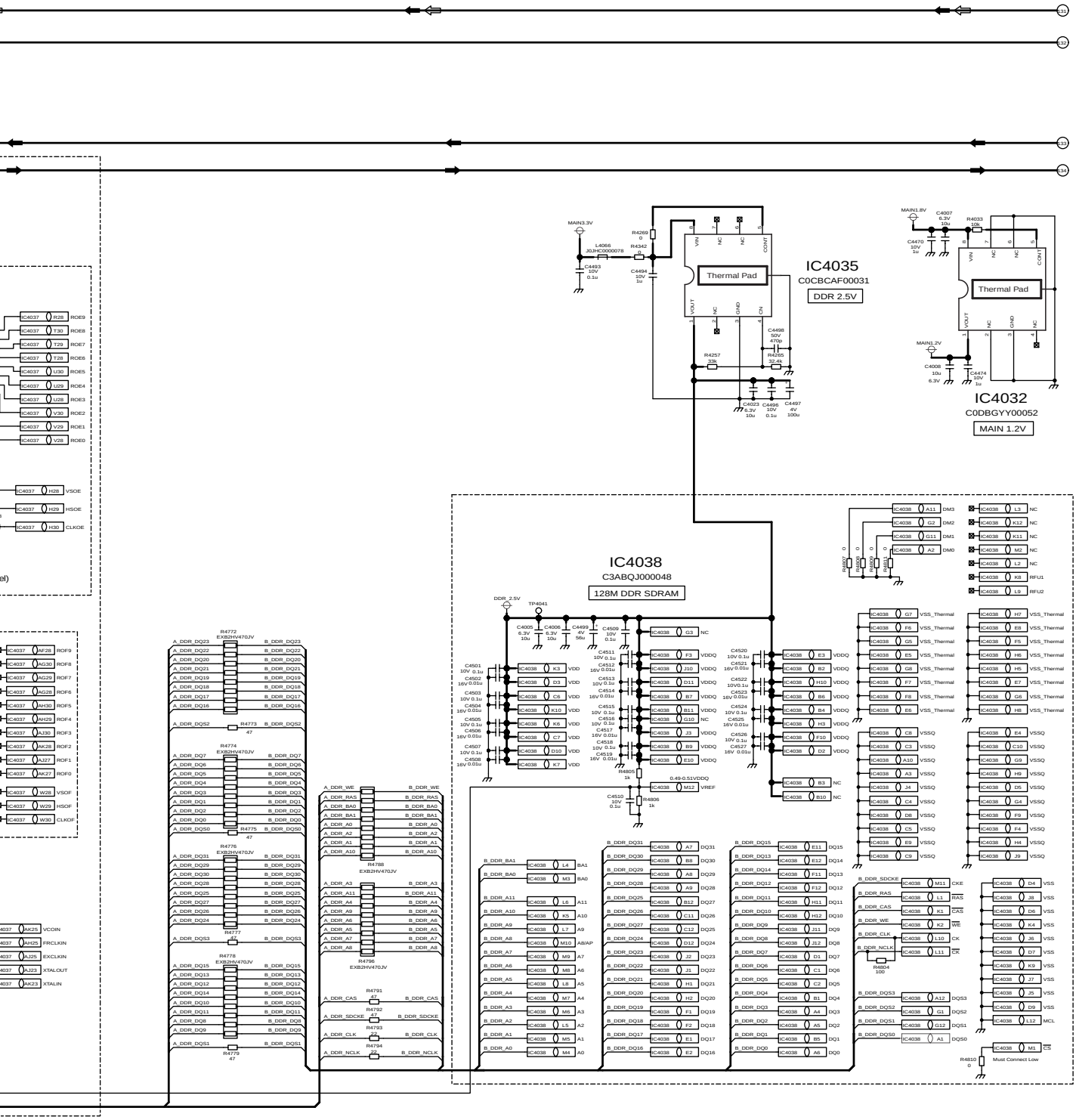


TH-50PV600E, TH-50PX600B DG-Board (6 of 8) Schematic Diagram

14.27. DG-Board (7 of 8) Schematic Diagram



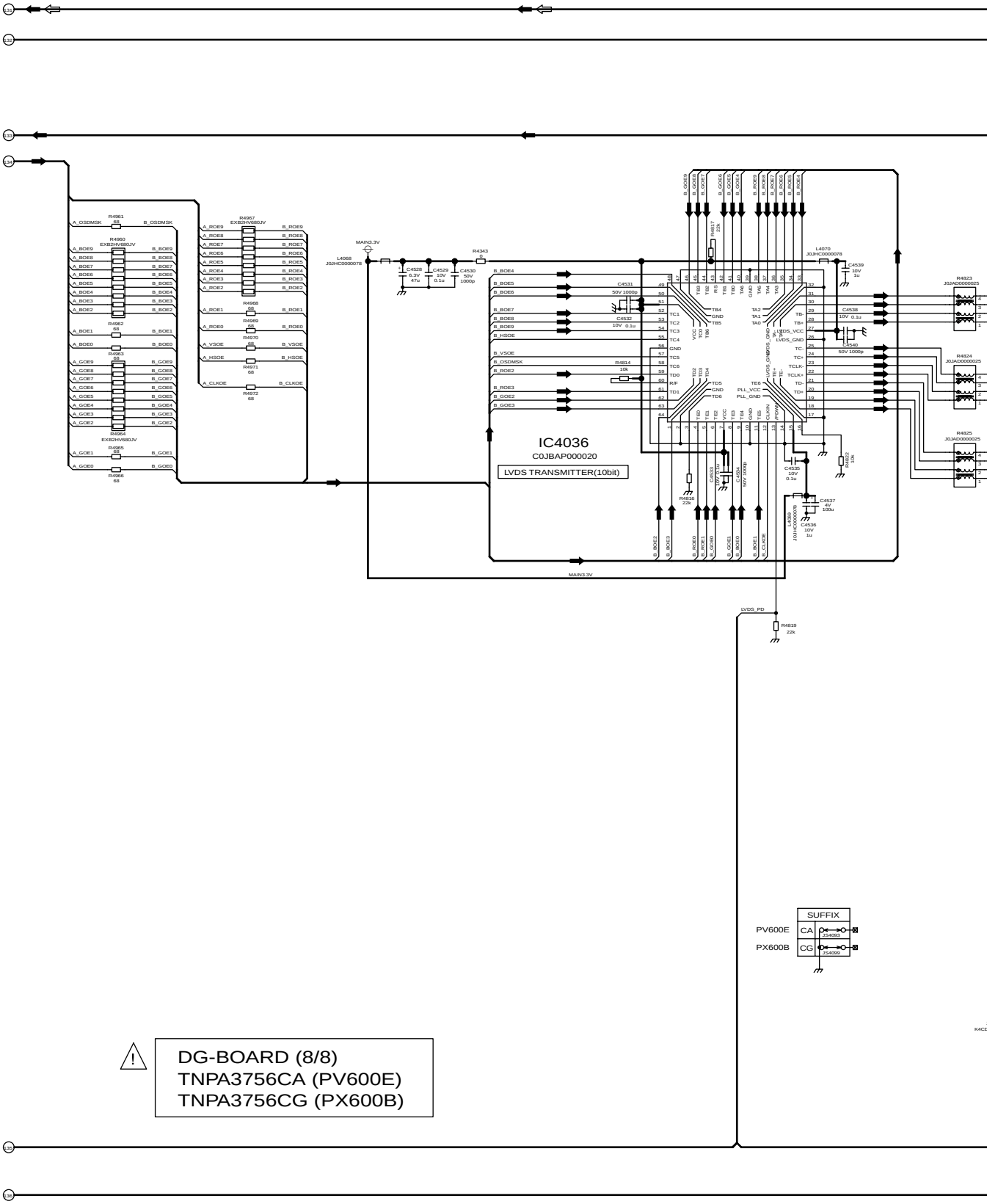
TH-50PV600E, TH-50PX600B DG-Board (7 of 8) Schematic Diagram



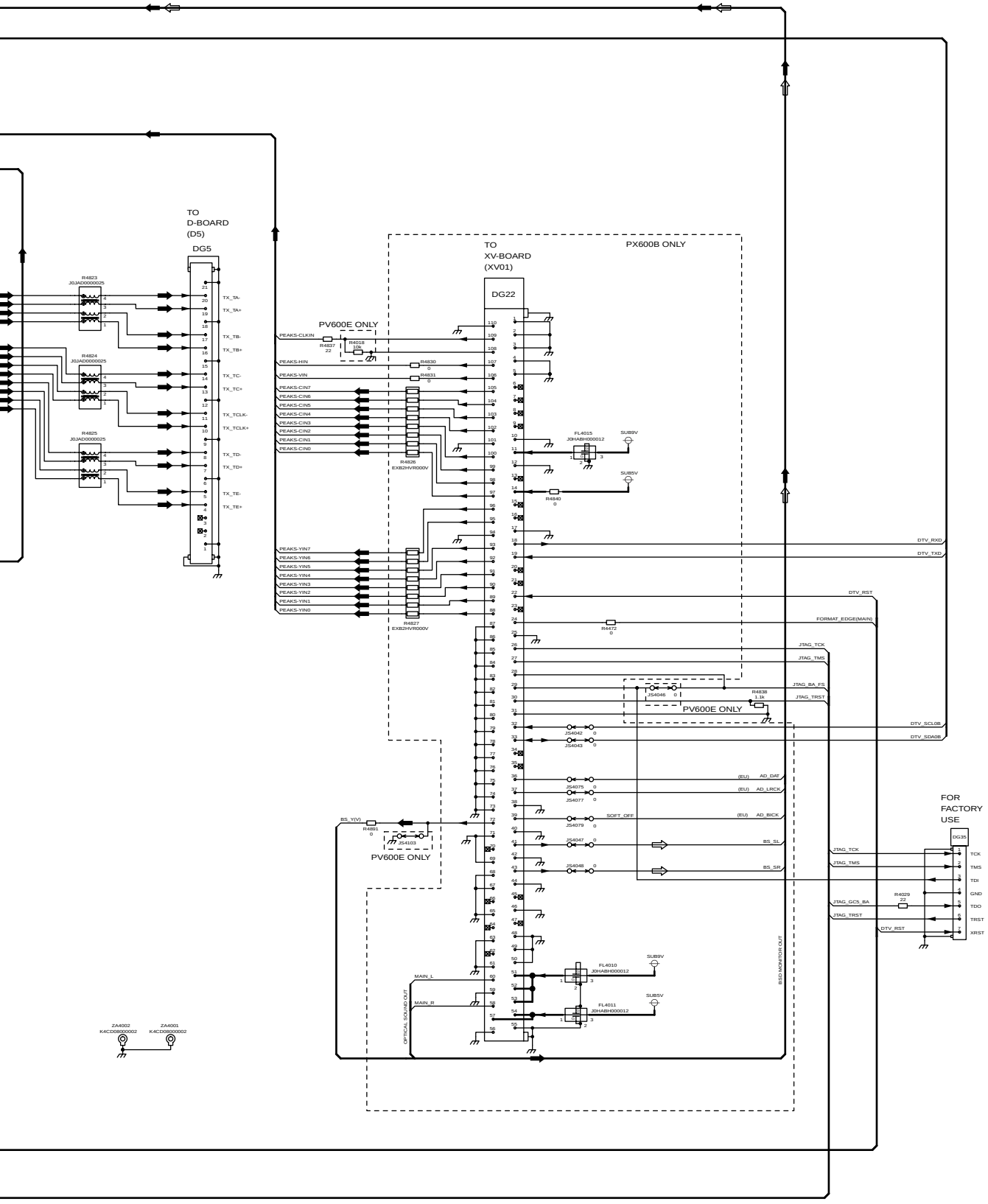
TH-50PV600E, TH-50PX600B DG-Board (7 of 8) Schematic Diagram

59	60	61	62	63

14.28. DG-Board (8 of 8) Schematic Diagram

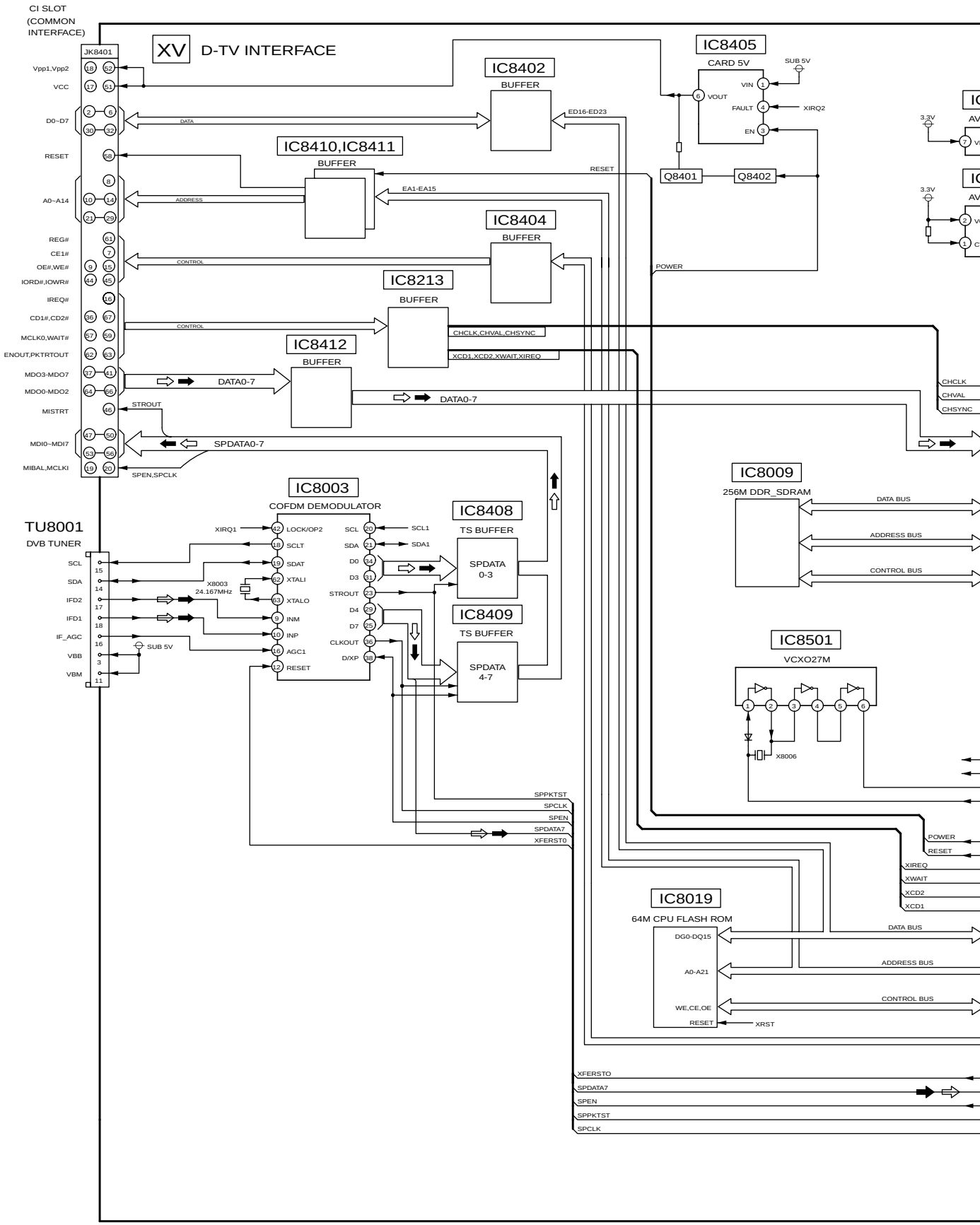


TH-50PV600E, TH-50PX600B
DG-Board (8 of 8) Schematic Diagram

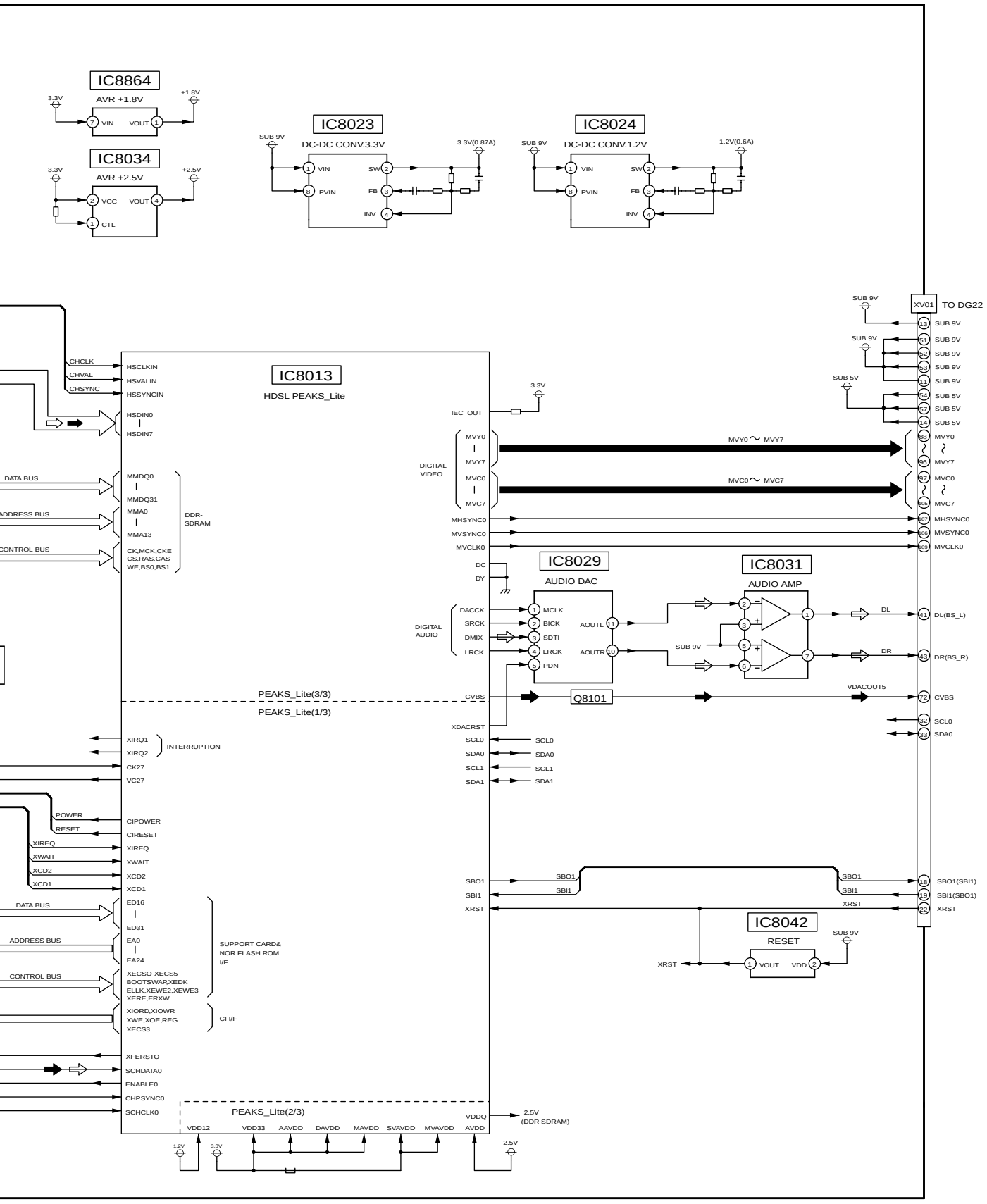


TH-50PV600E, TH-50PX600B
DG-Board (8 of 8) Schematic Diagram

14.29. XV-Board Block Diagram (PX600B)

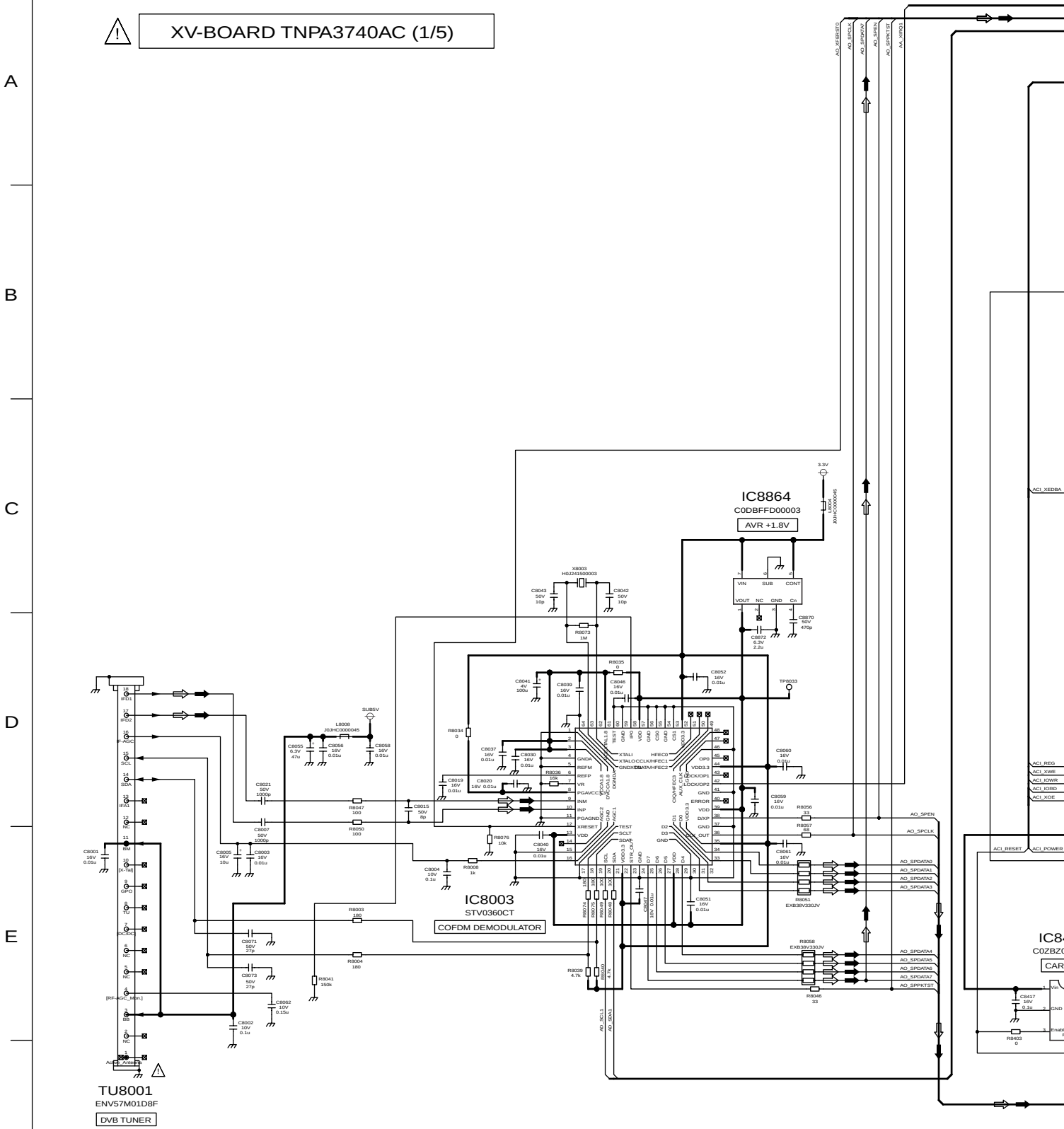


TH-50PX600B
XV-Board Block Diagram

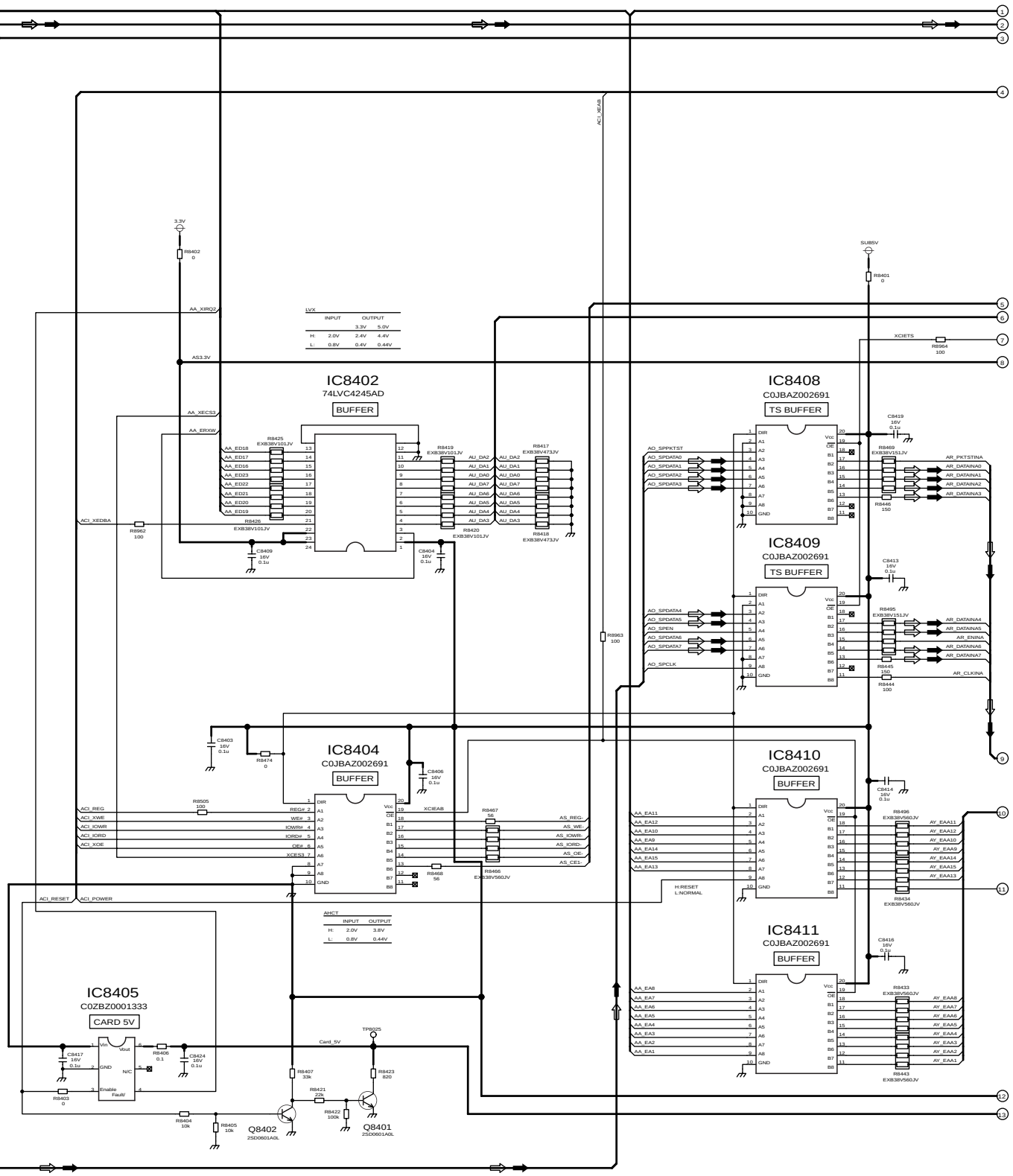


TH-50PX600B
XV-Board Block Diagram

14.30. XV-Board (1 of 5) Schematic Diagram (PX600B)

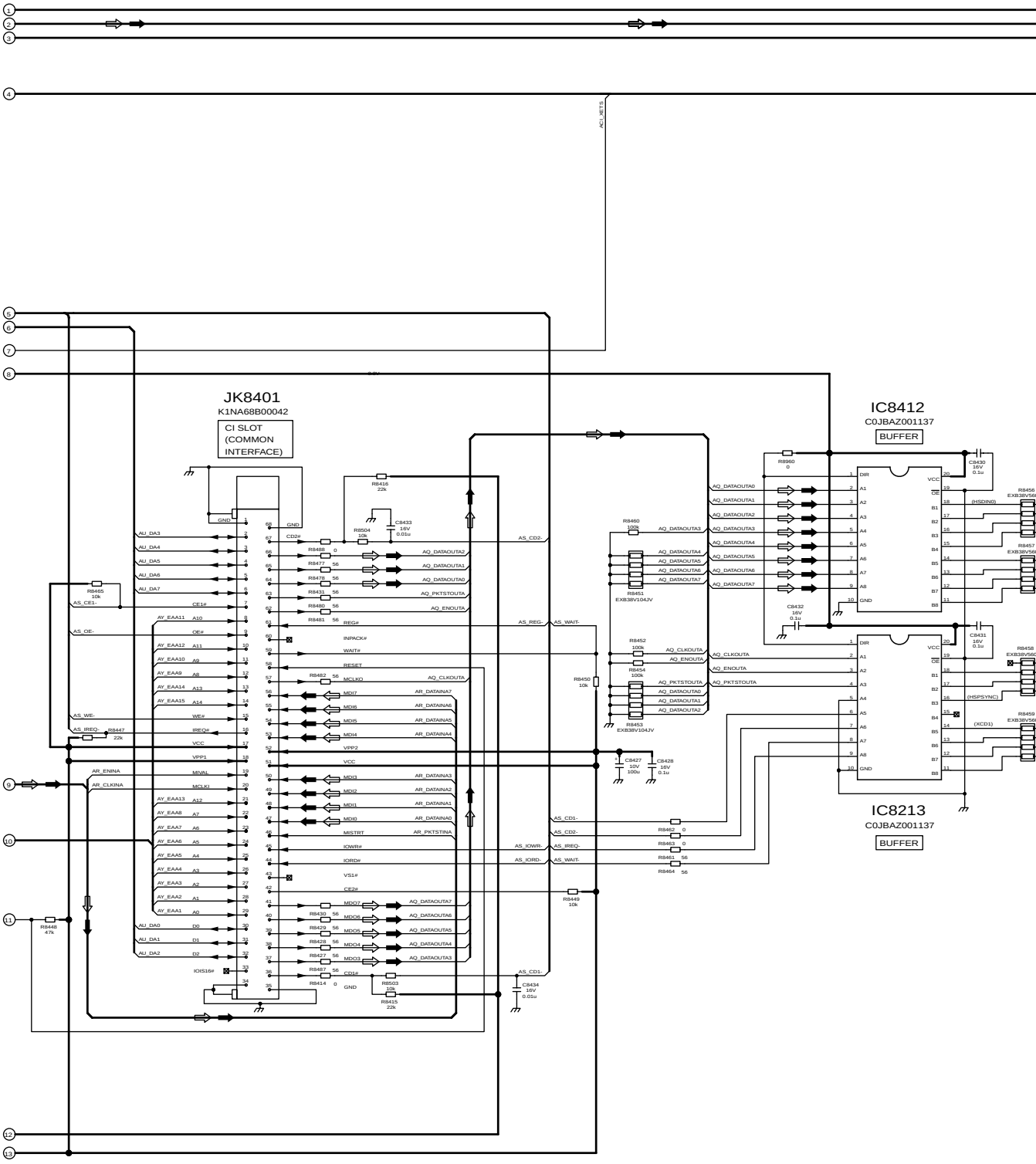


TH-50PX600B
XV-Board (1 of 5) Schematic Diagram

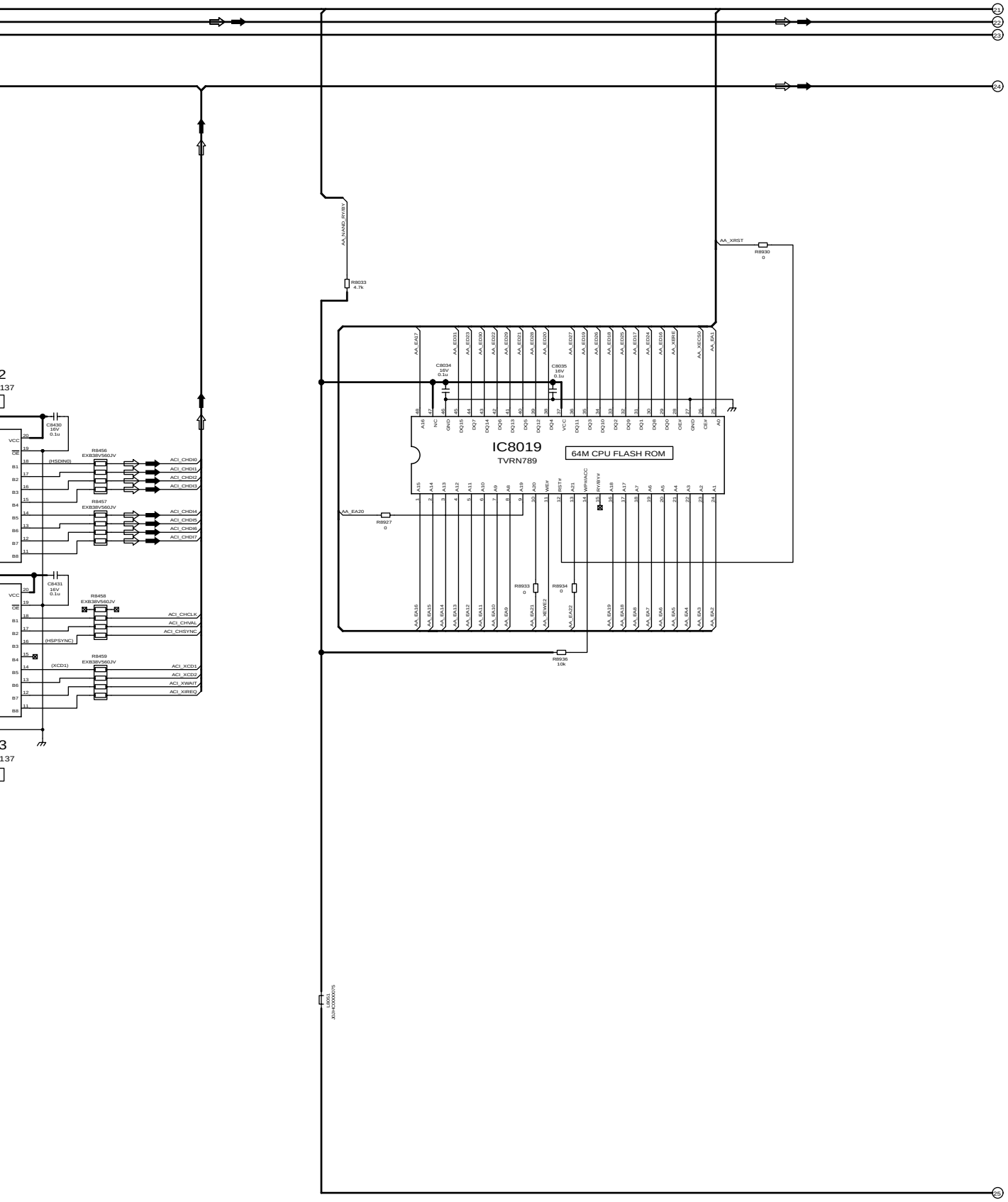


TH-50PX600B
XV-Board (1 of 5) Schematic Diagram

14.31. XV-Board (2 of 5) Schematic Diagram (PX600B)

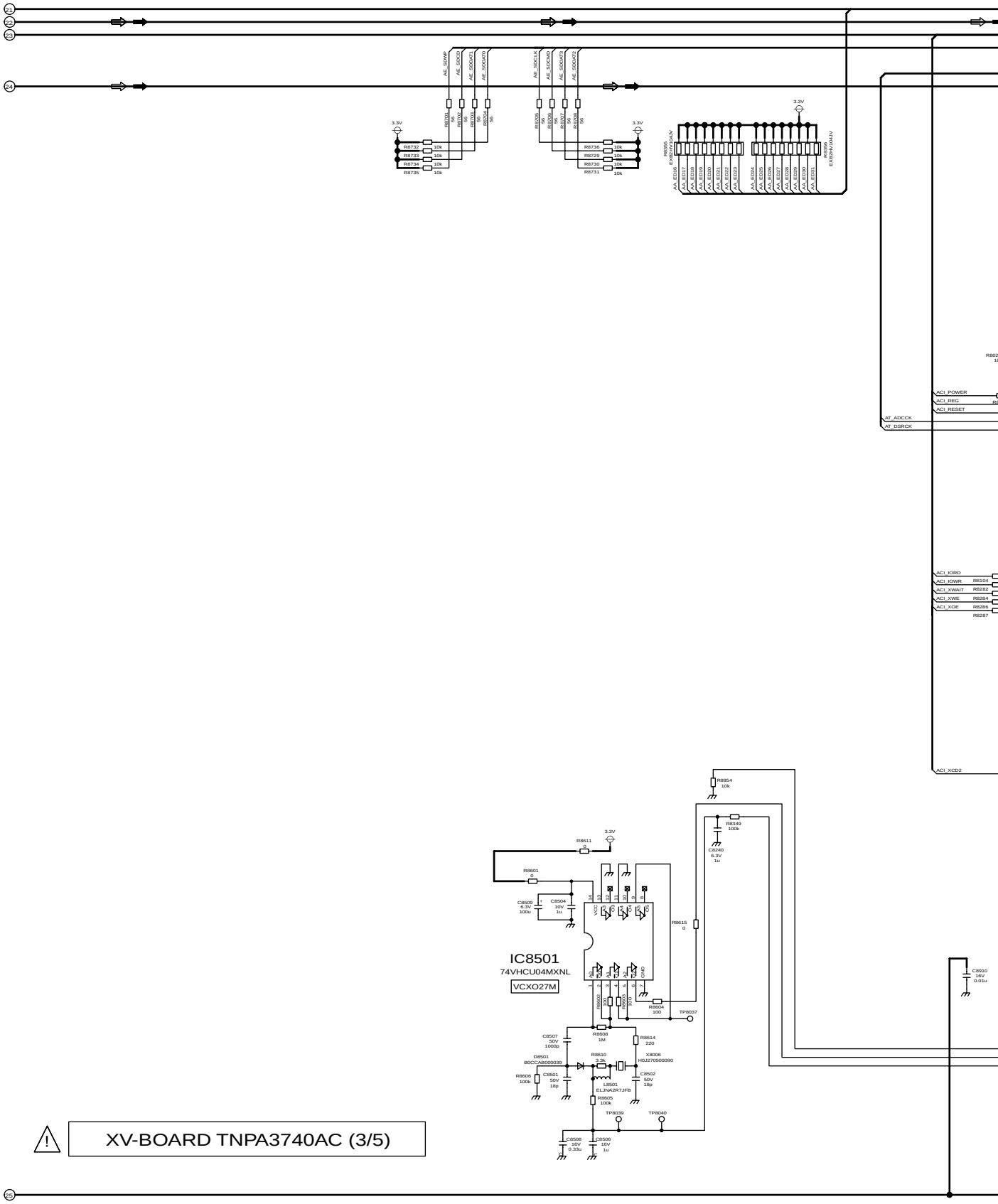


XV-BOARD TNPA3740AC (2/5)



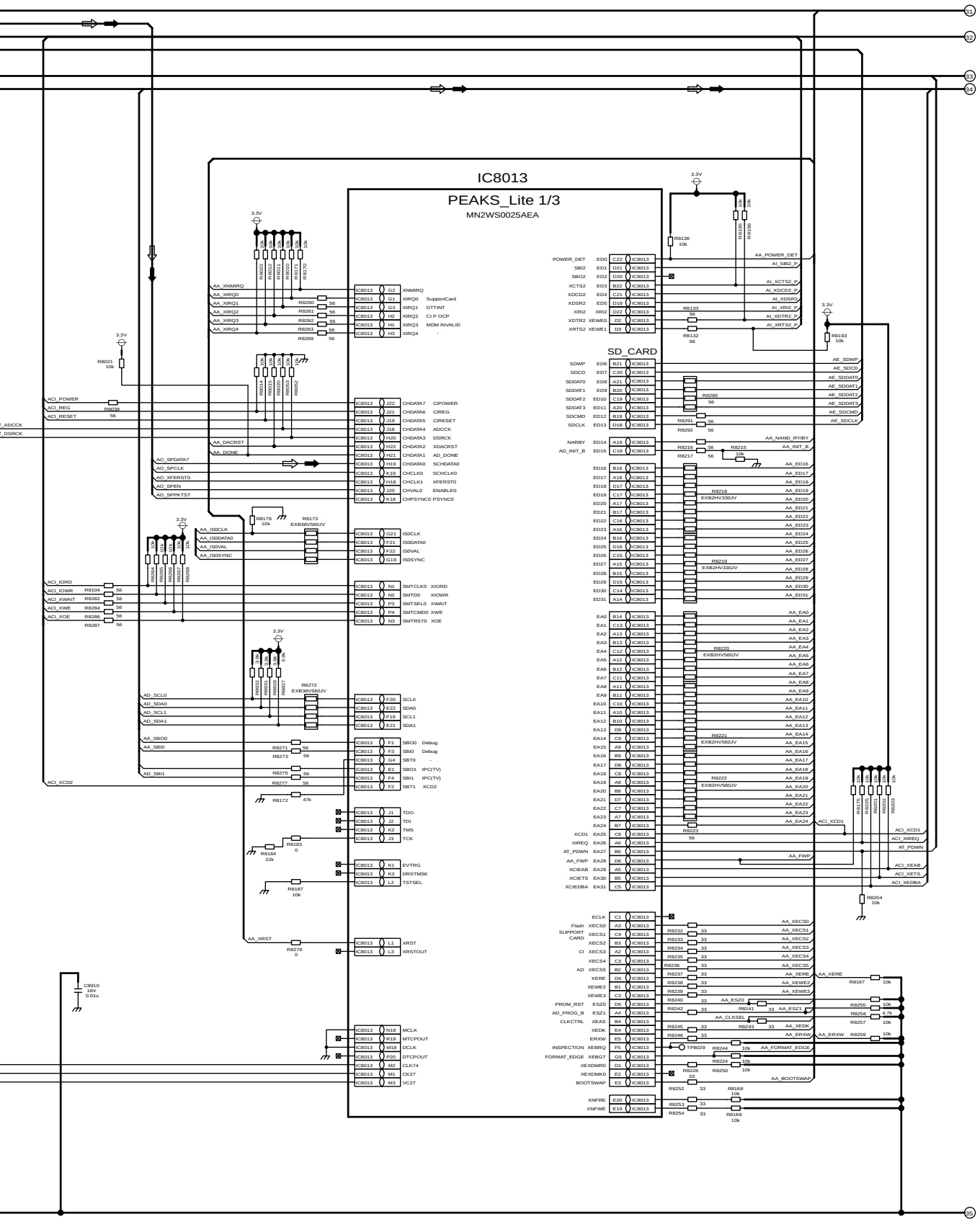
TH-50PX600B
XV-Board (2 of 5) Schematic Diagram

14.32. XV-Board (3 of 5) Schematic Diagram (PX600B)



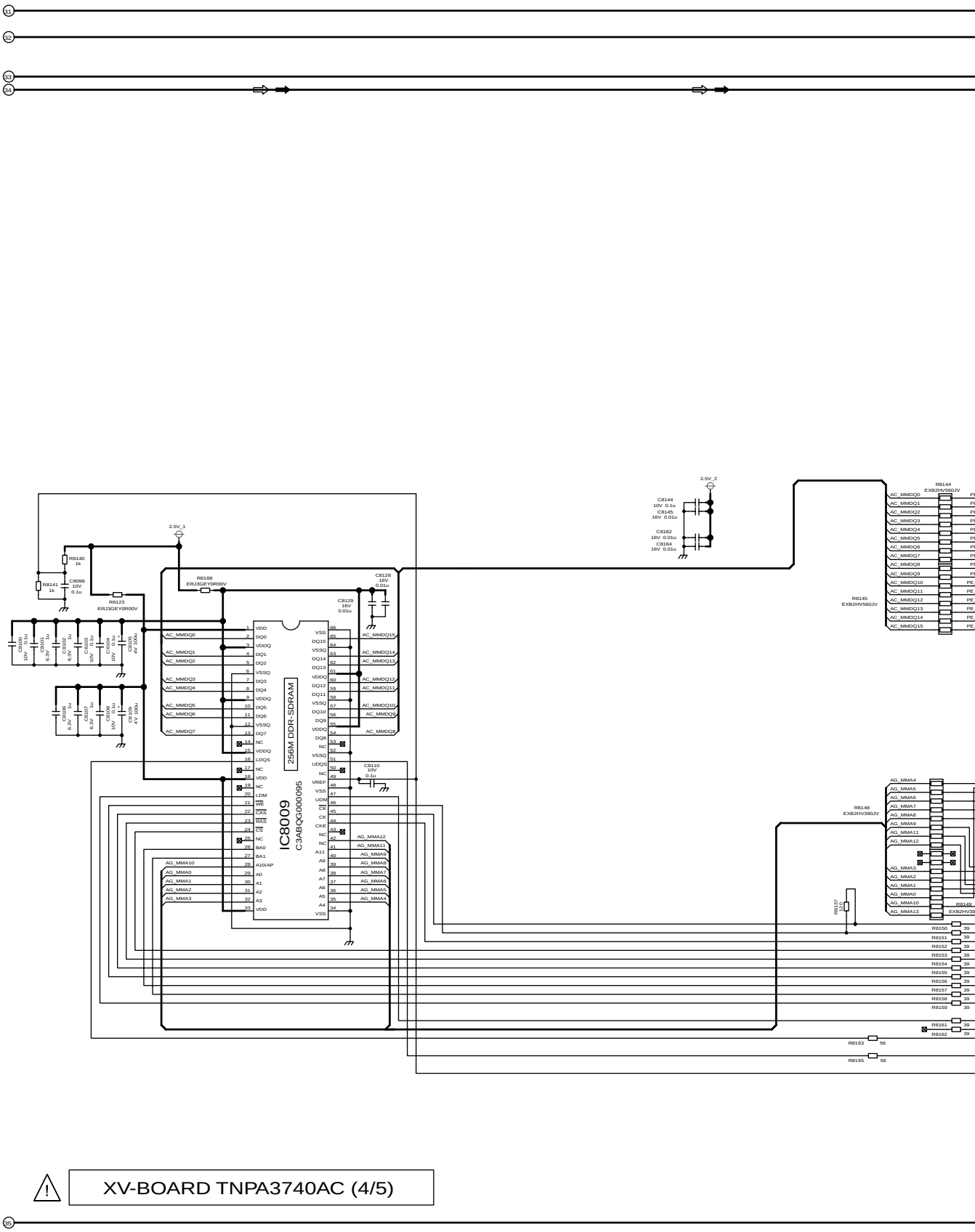
TH-50PX600B
XV-Board (3 of 5) Schematic Diagram

19	20	21	22	23



TH-50PX600B
XV-Board (3 of 5) Schematic Diagram

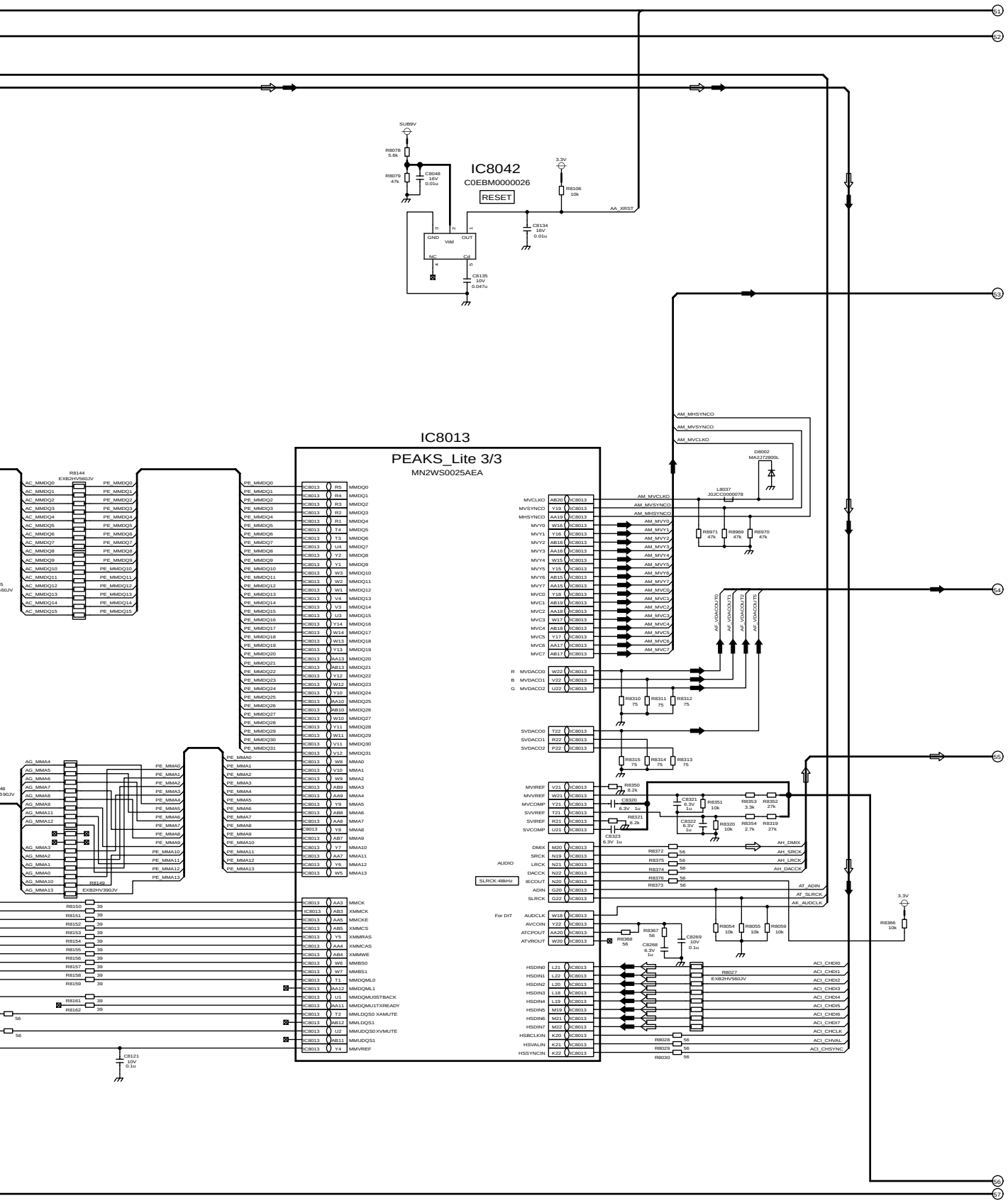
14.33. XV-Board (4 of 5) Schematic Diagram (PX600B)



XV-BOARD TNPA3740AC (4/5)

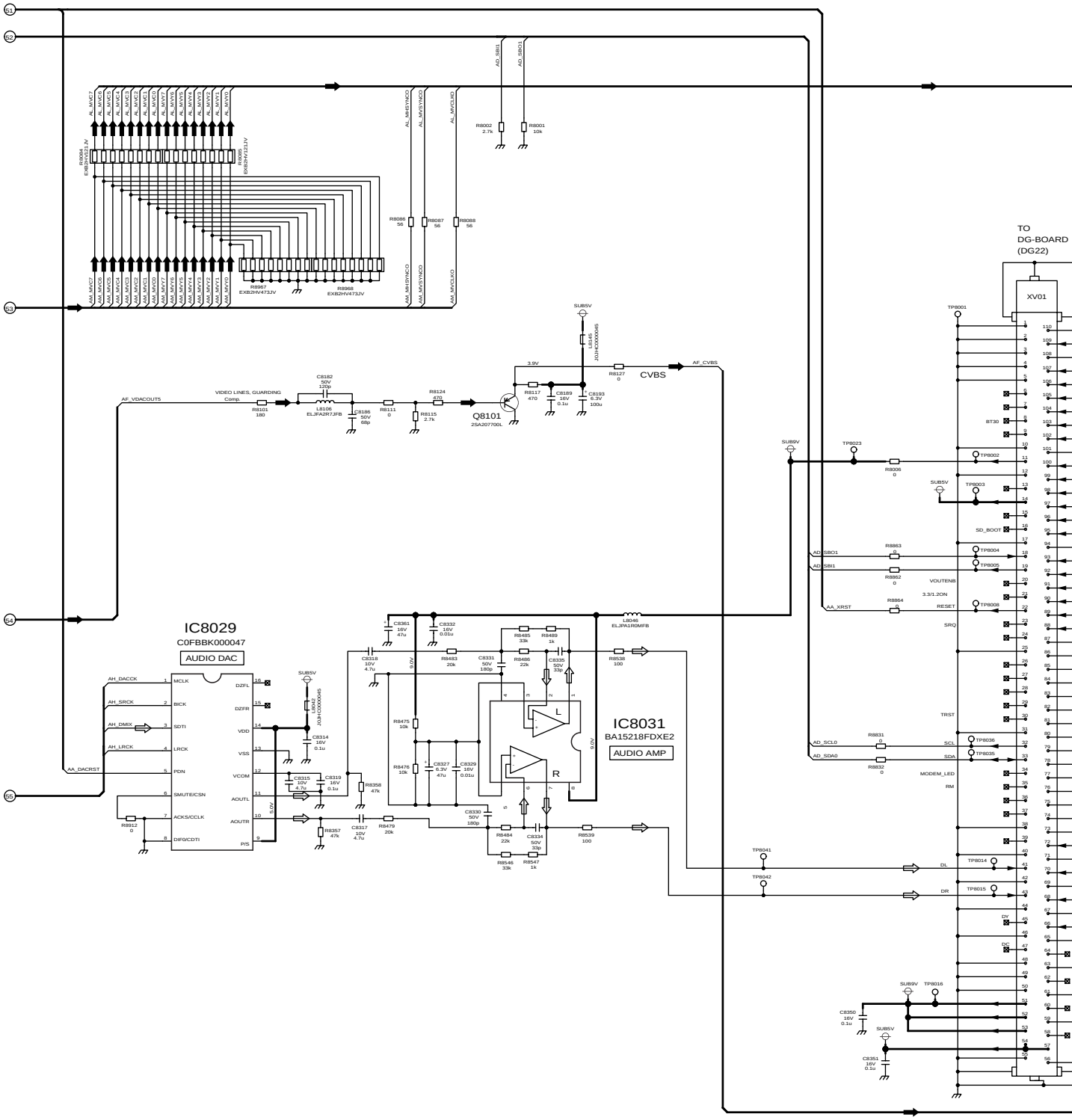
TH-50PX600B
XV-Board (4 of 5) Schematic Diagram

28	29	30	31	32



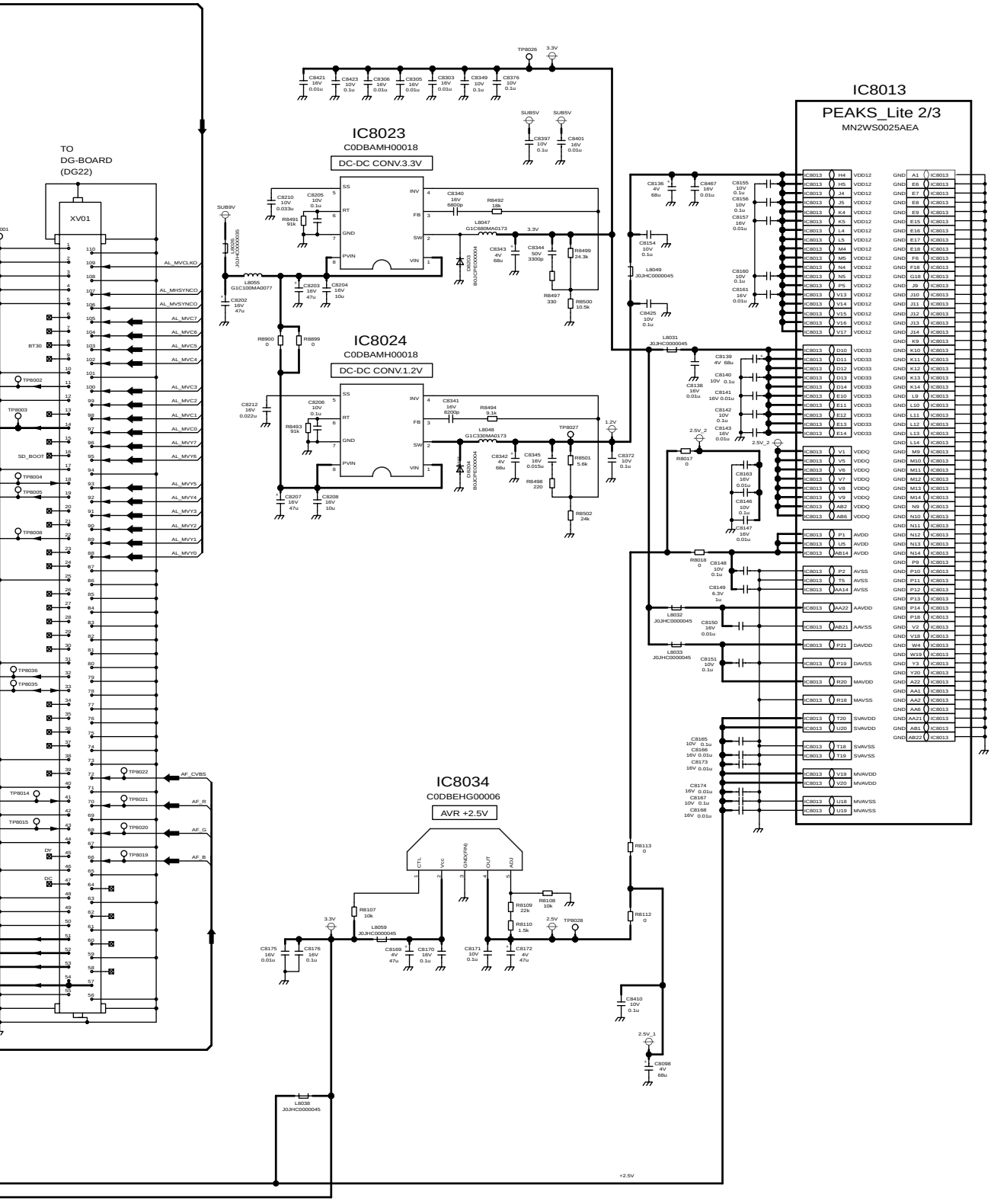
TH-50PX600B
XV-Board (4 of 5) Schematic Diagram

14.34. XV-Board (5 of 5) Schematic Diagram (PX600B)



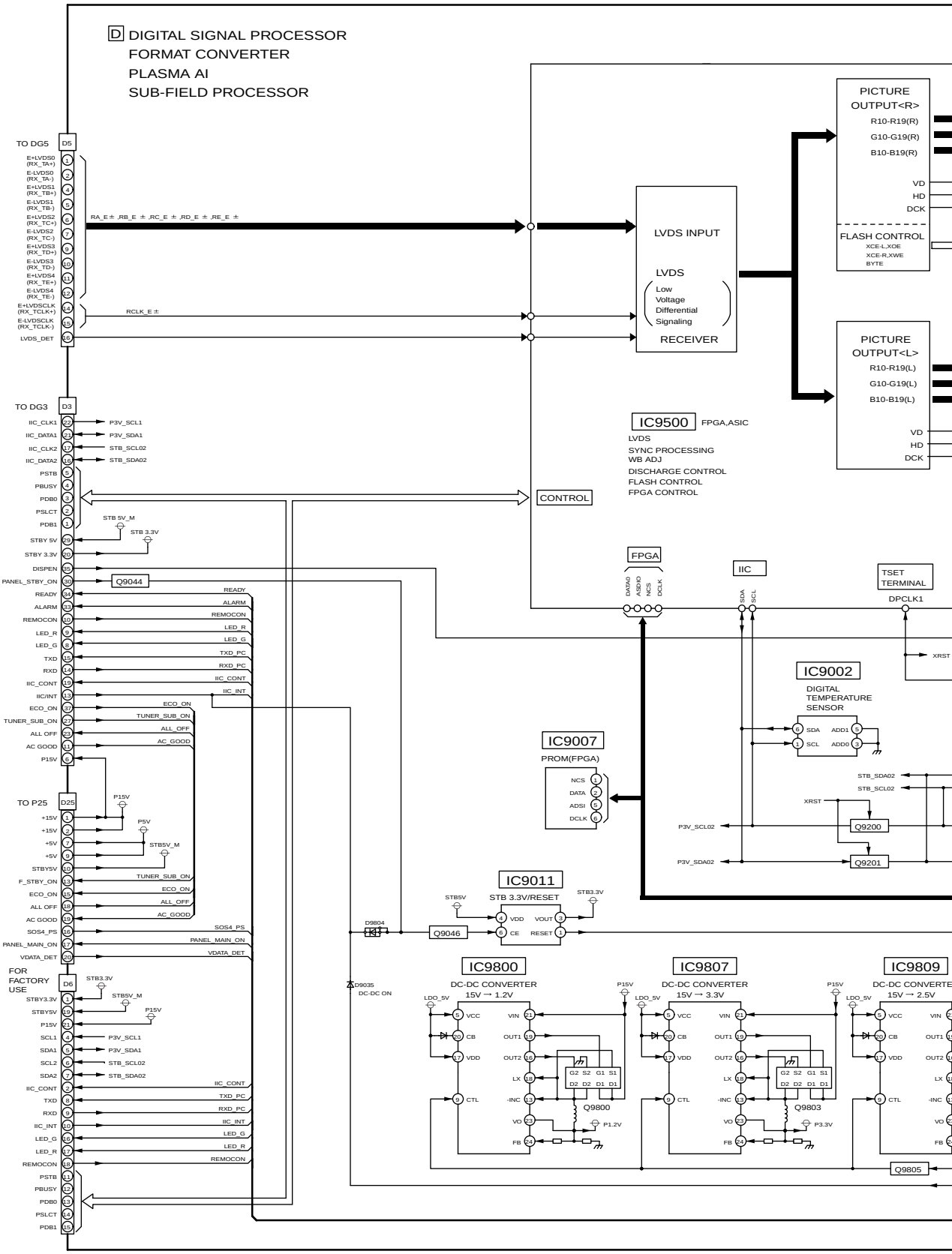
XV-BOARD TNPA3740AC (5/5)

TH-50PX600B
XV-Board (5 of 5) Schematic Diagram

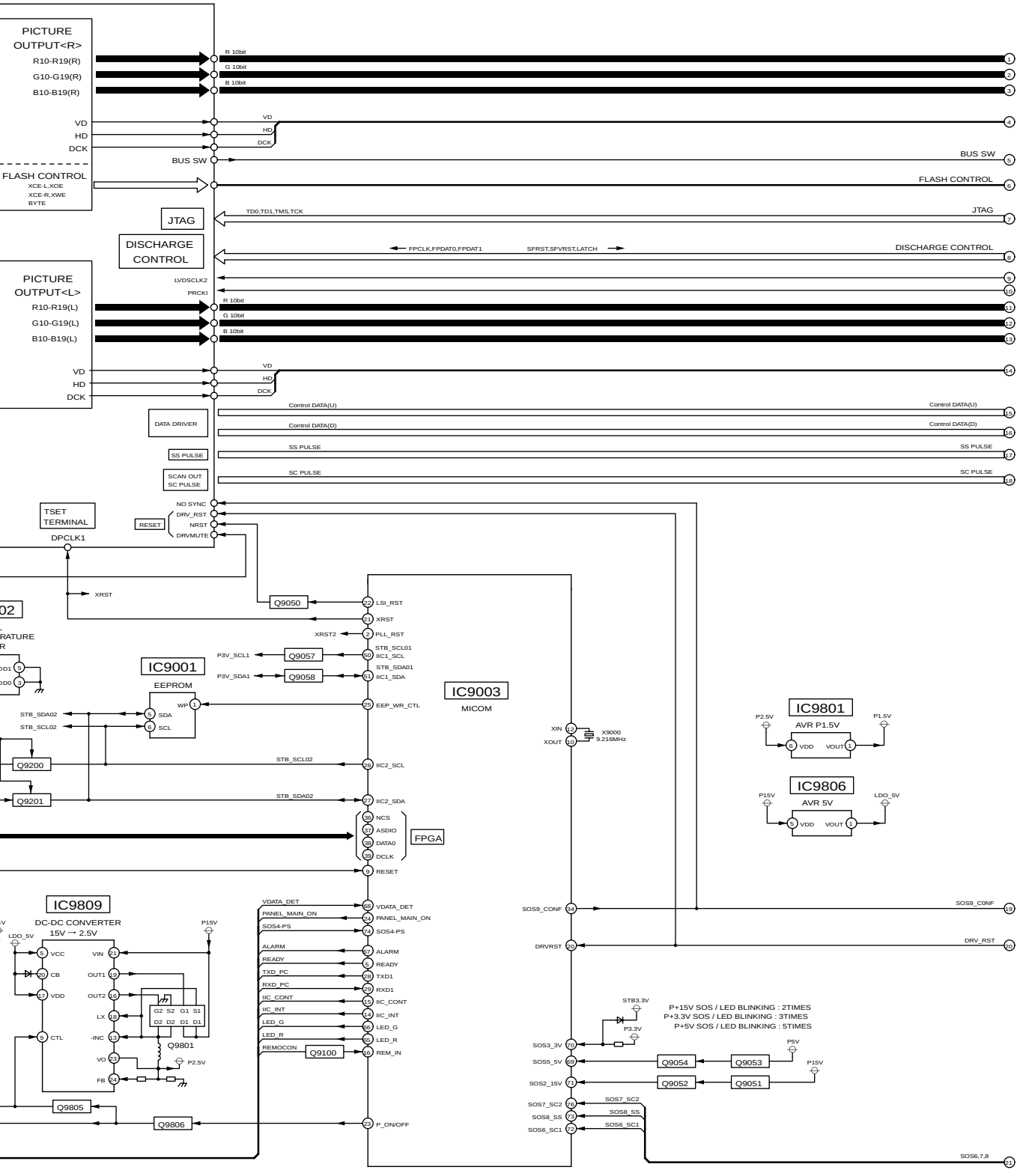


TH-50PX600B
XV-Board (5 of 5) Schematic Diagram

14.35. D-Board (1 of 2) Block Diagram

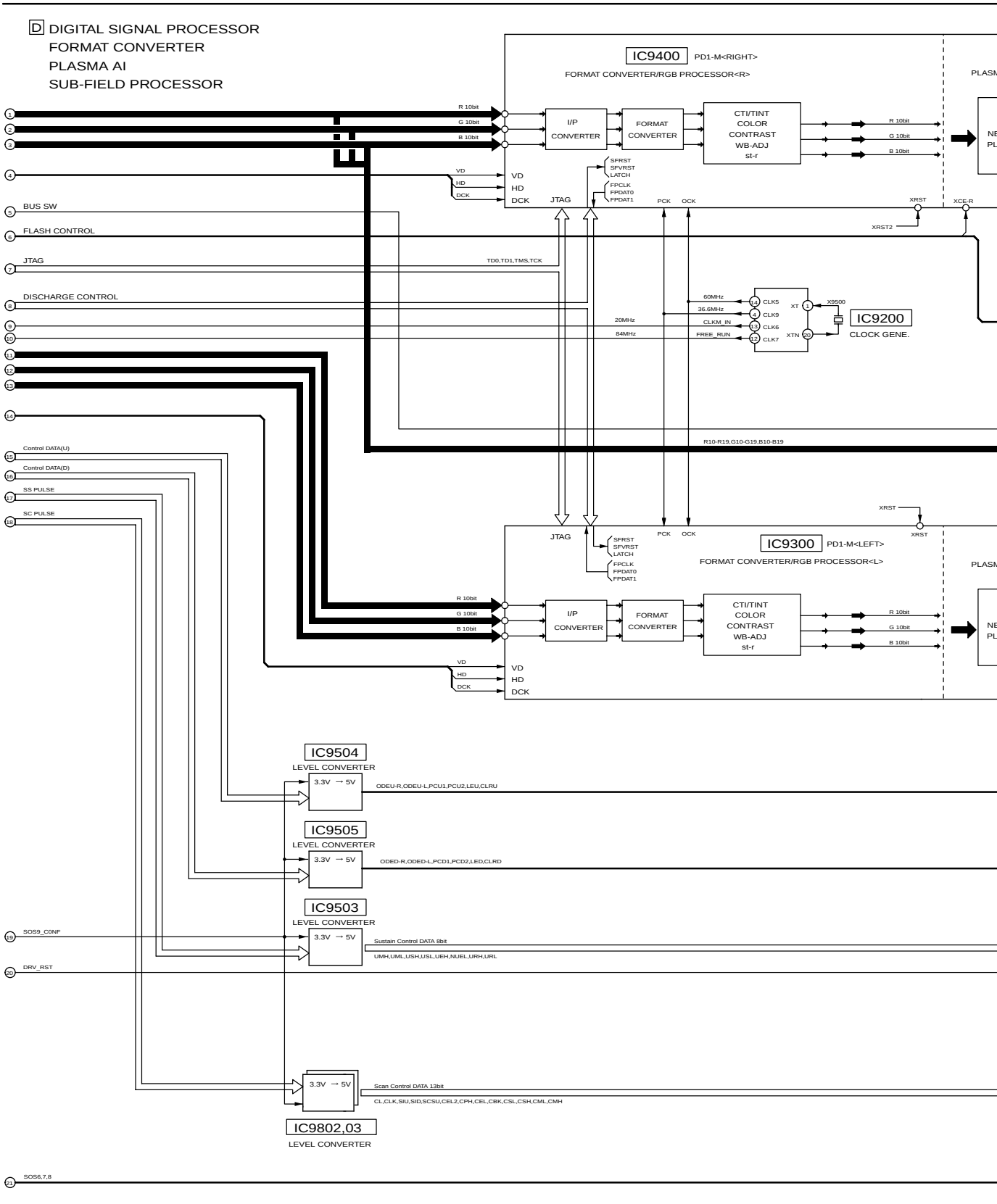


TH-50PV600E, TH-50PX600B
D-Board (1 of 2) Block Diagram

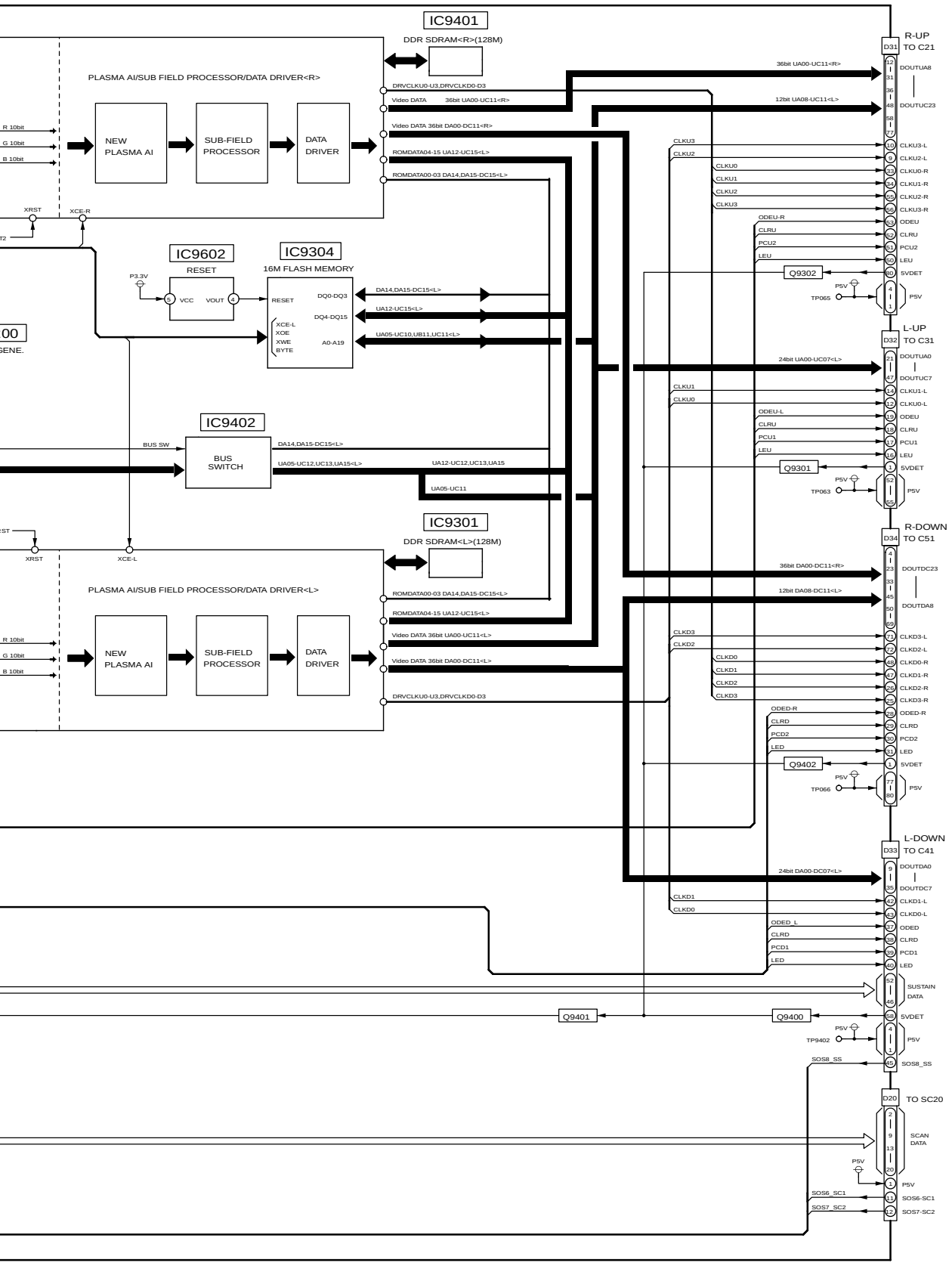


TH-50PV600E, TH-50PX600B
D-Board (1 of 2) Block Diagram

14.36. D-Board (2 of 2) Block Diagram

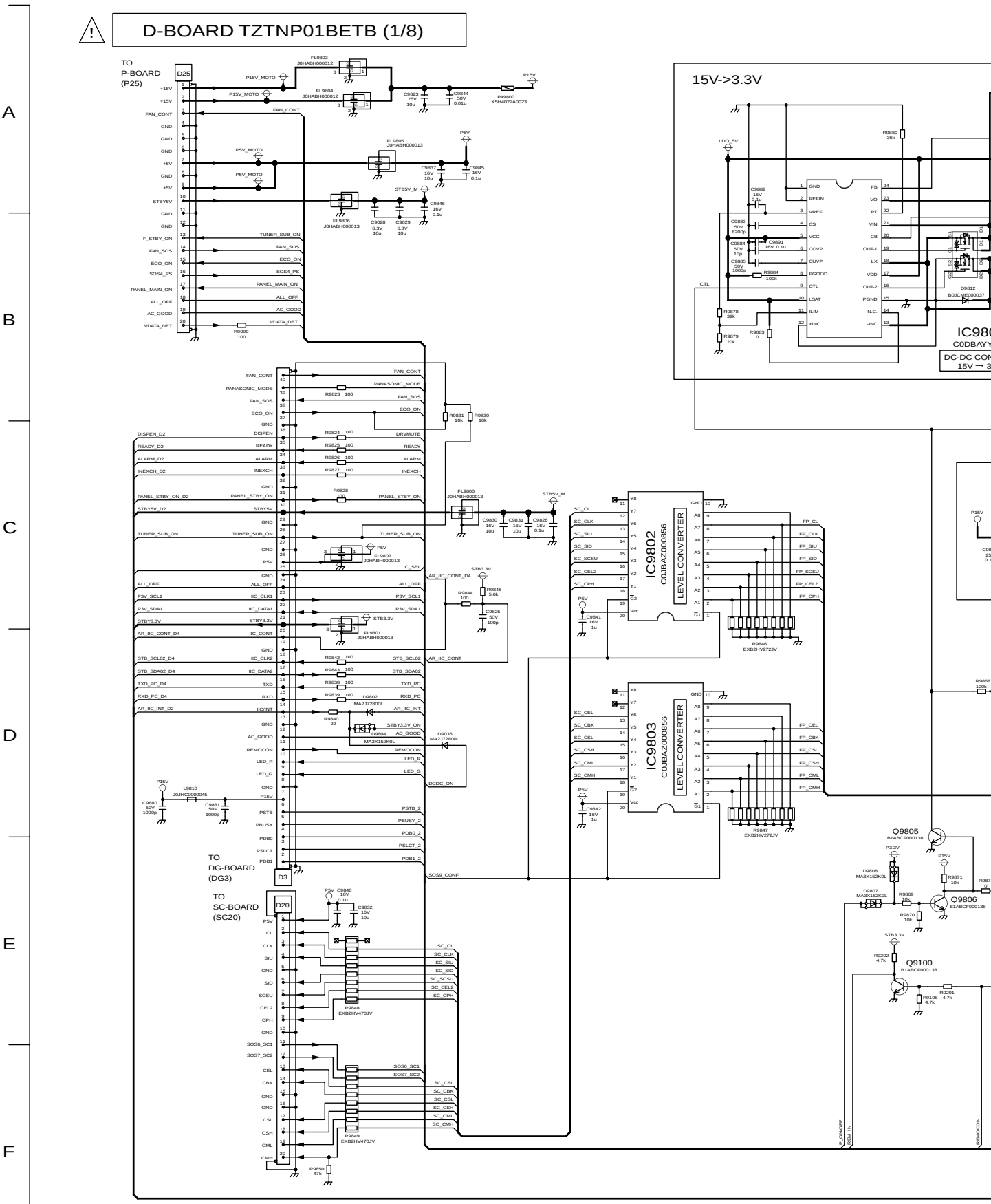


TH-50PV600E, TH-50PX600B
D-Board (2 of 2) Block Diagram

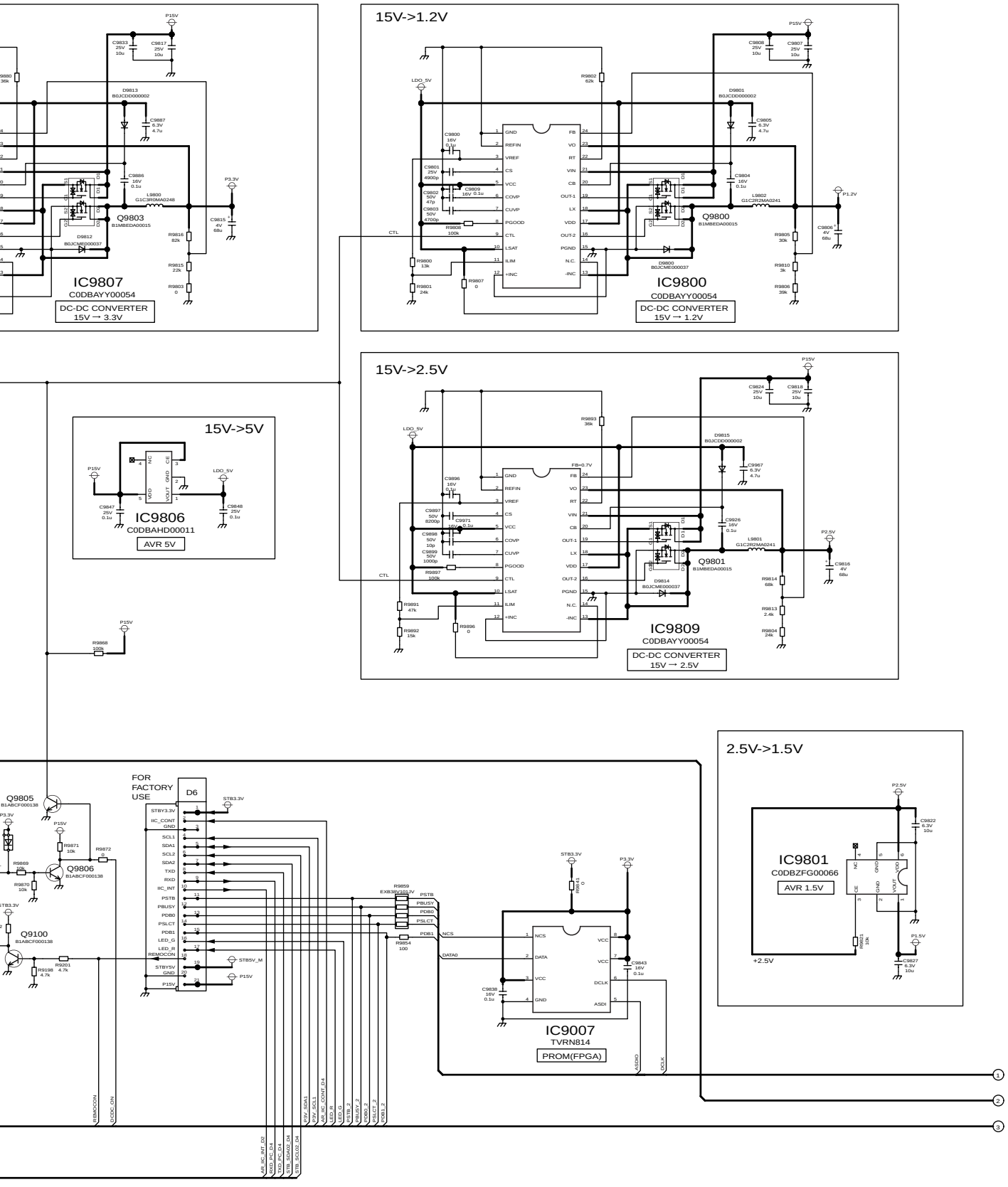


TH-50PV600E, TH-50PX600B
D-Board (2 of 2) Block Diagram

14.37. D-Board (1 of 8) Schematic Diagram



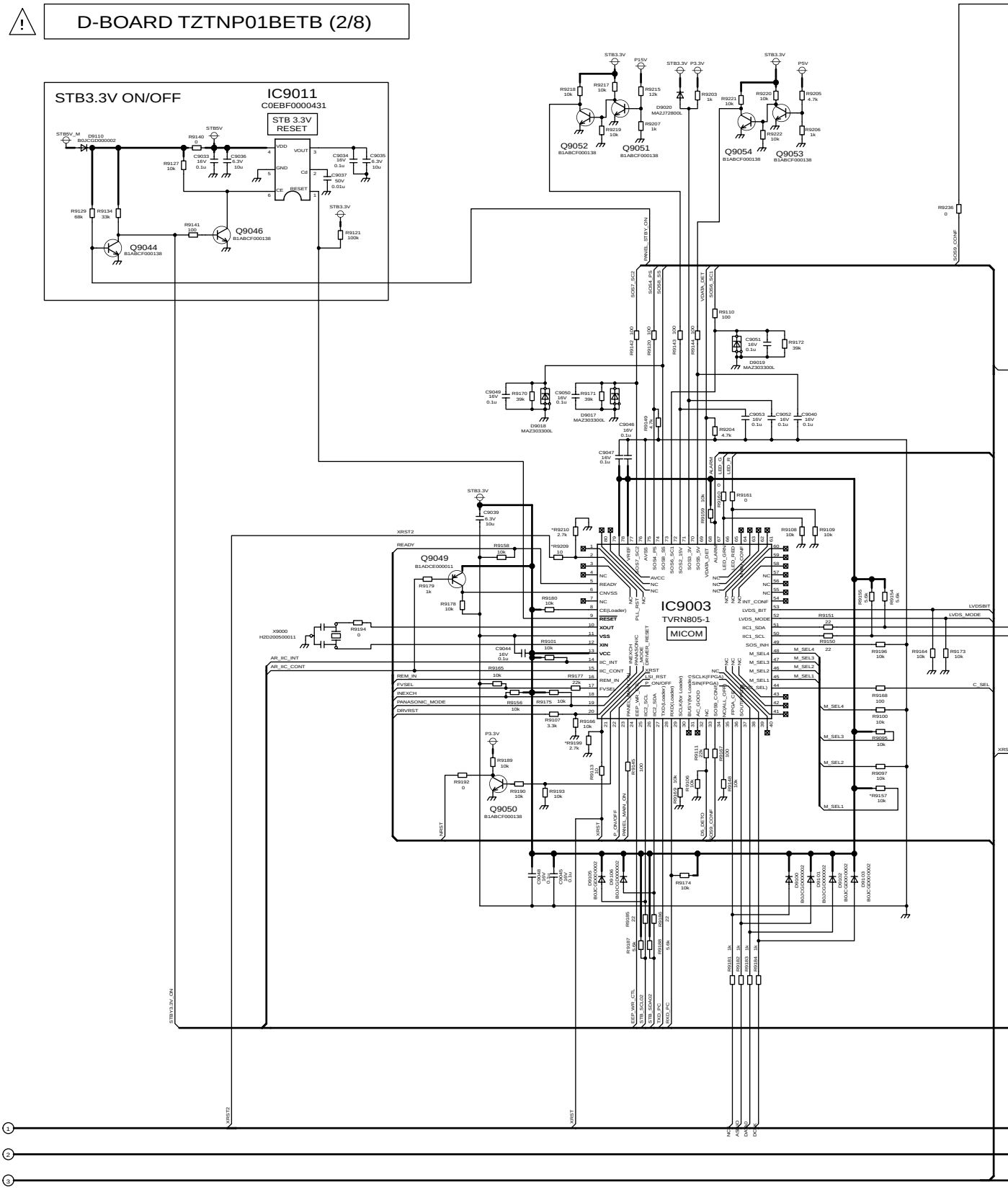
TH-50PV600E, TH-50PX600B
D-Board (1 of 8) Schematic Diagram

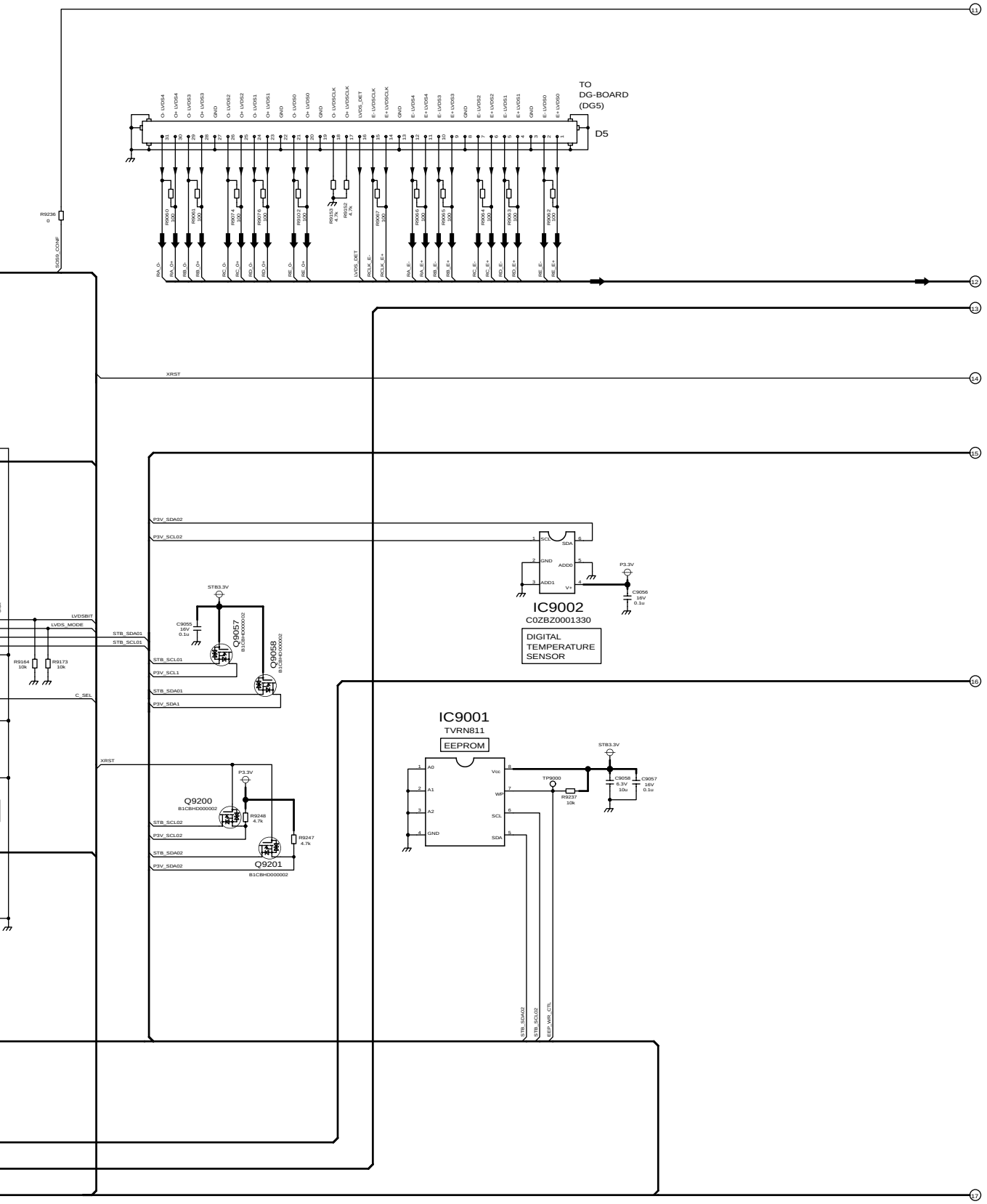


TH-50PV600E, TH-50PX600B
D-Board (1 of 8) Schematic Diagram

5 6 7 8 9

14.38. D-Board (2 of 8) Schematic Diagram

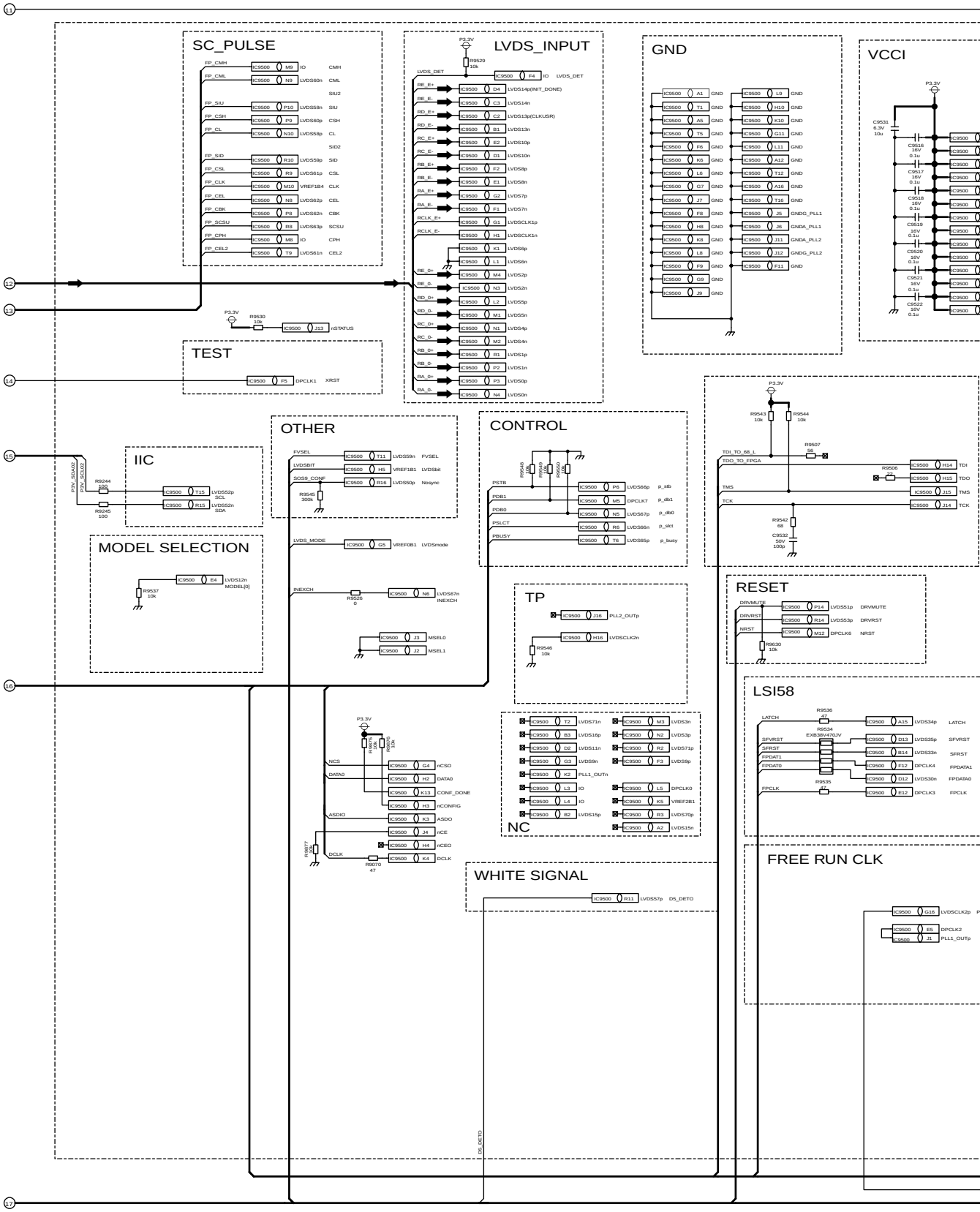




TH-50PV600E, TH-50PX600B
D-Board (2 of 8) Schematic Diagram

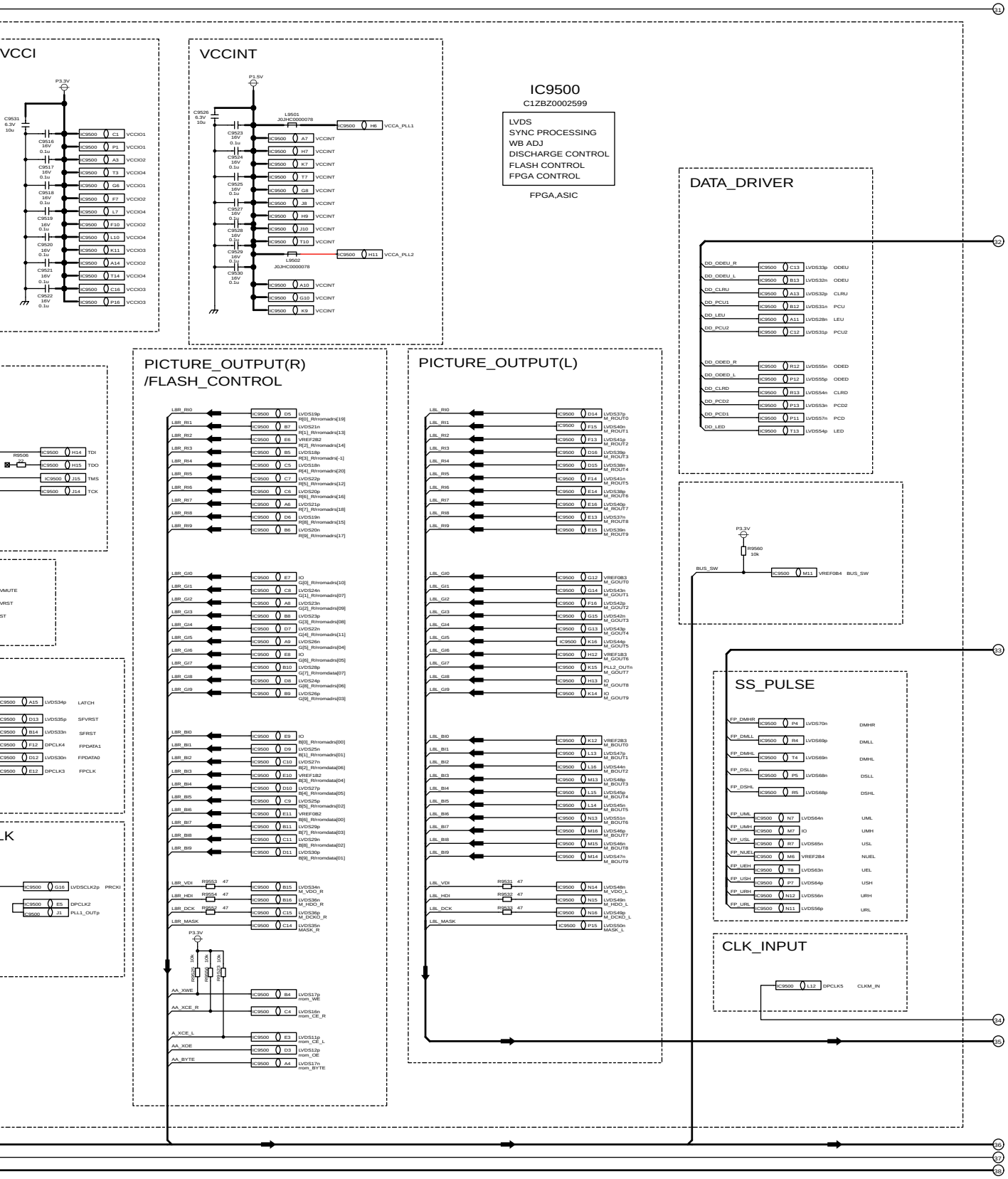
14	15	16	17	18

14.39. D-Board (3 of 8) Schematic Diagram



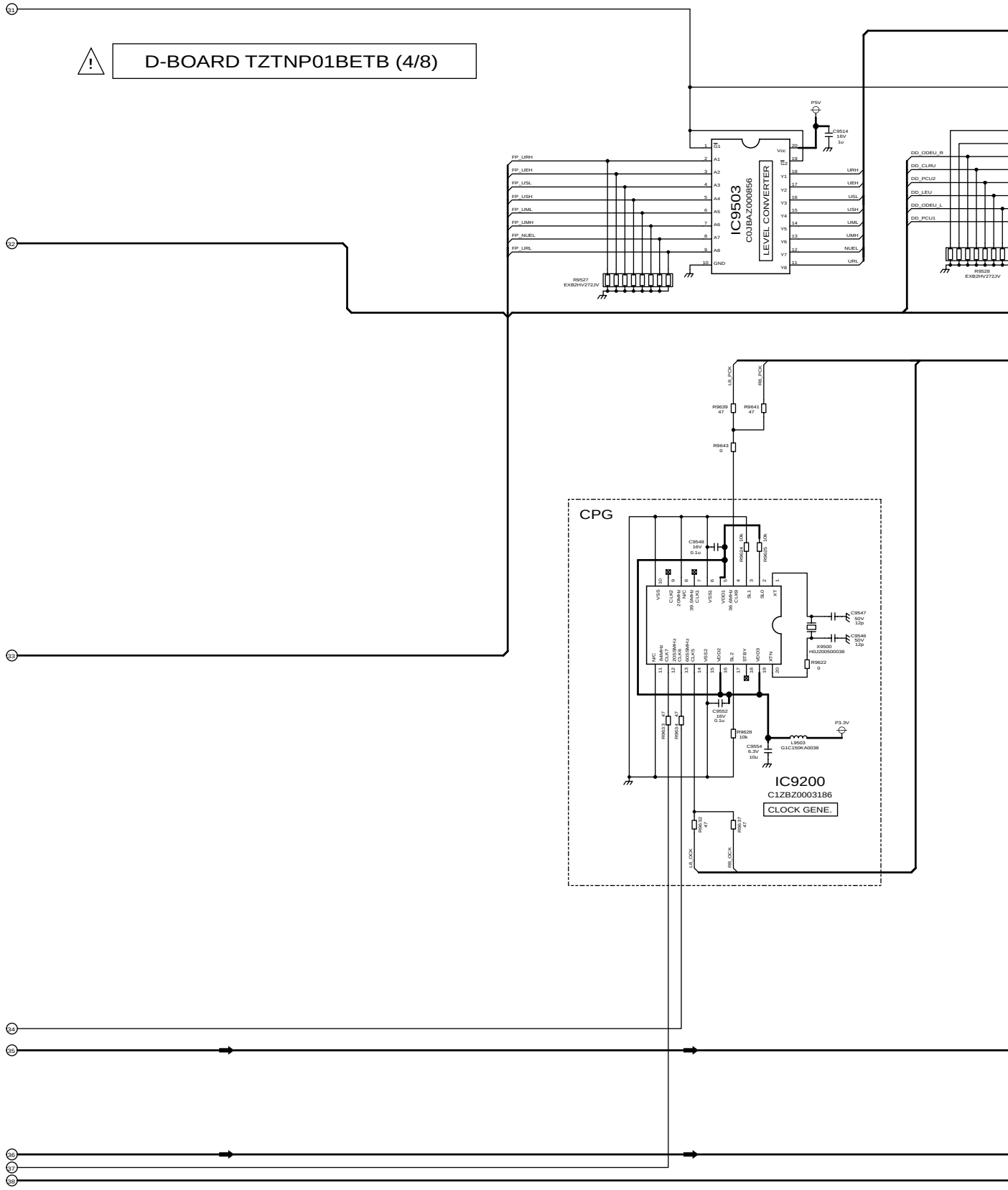
D-BOARD TZTNP01BETB (3/8)

TH-50PV600E, TH-50PX600B
D-Board (3 of 8) Schematic Diagram

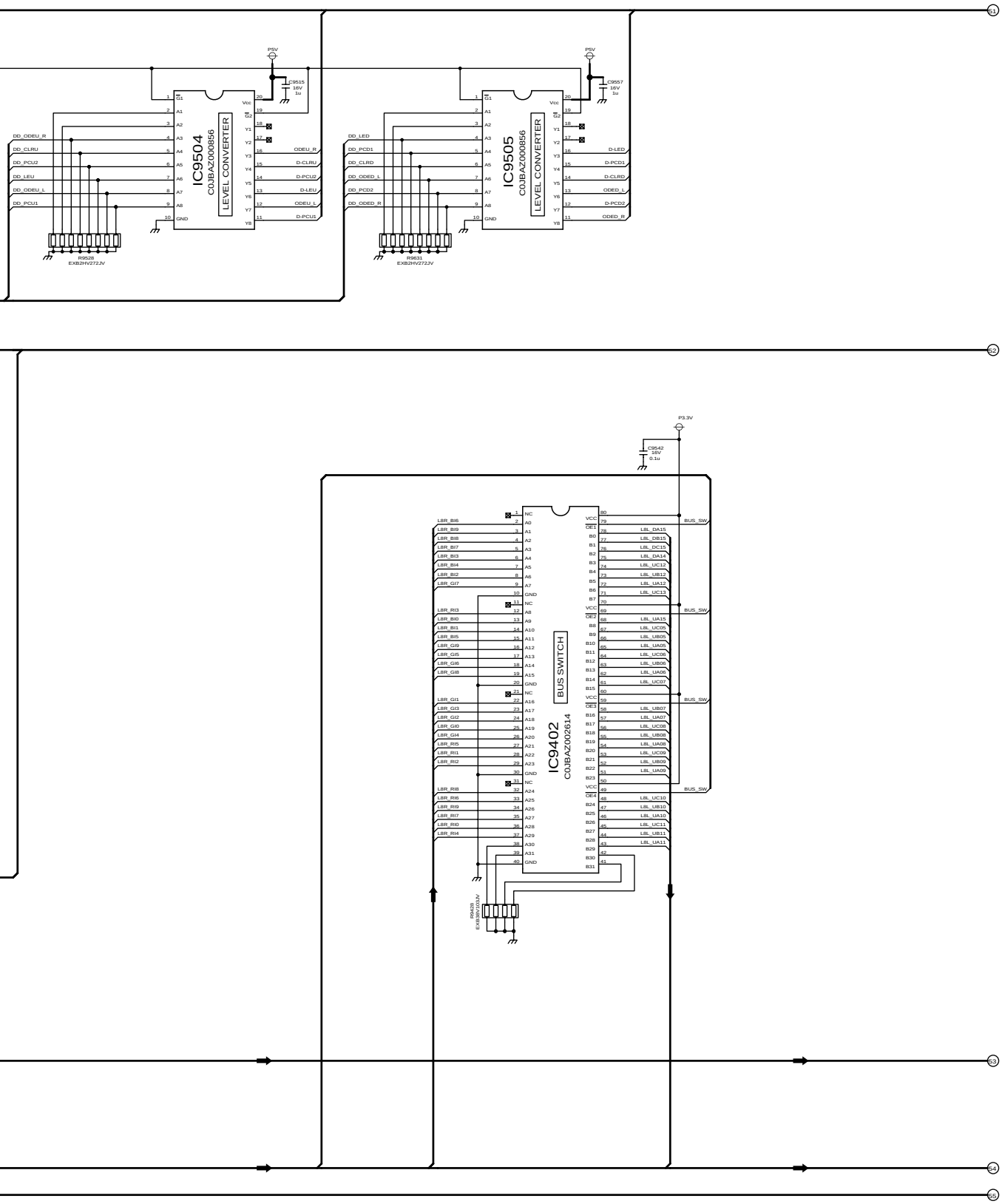


TH-50PV600E, TH-50PX600B
D-Board (3 of 8) Schematic Diagram

14.40. D-Board (4 of 8) Schematic Diagram



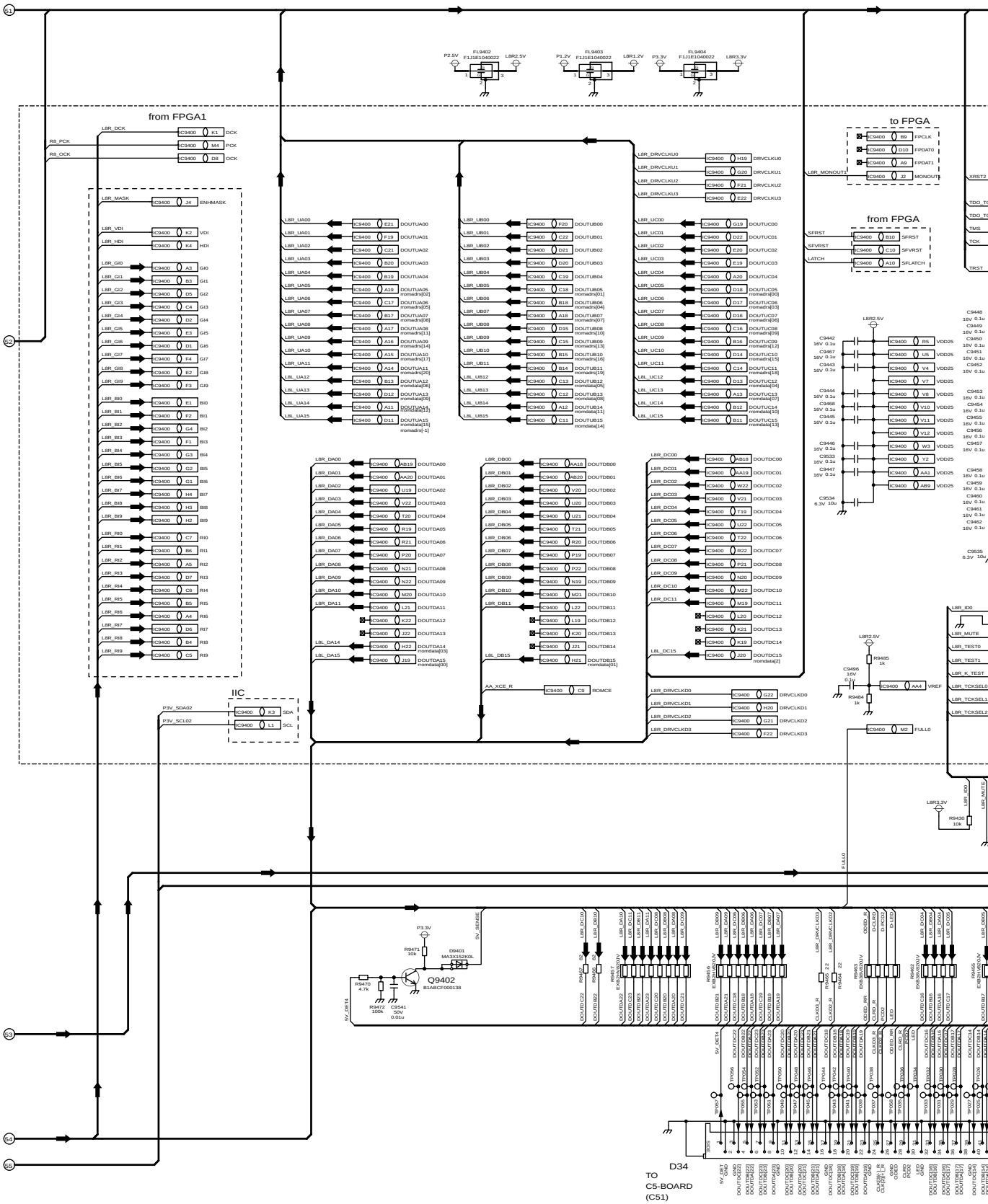
TH-50PV600E, TH-50PX600B
D-Board (4 of 8) Schematic Diagram



TH-50PV600E, TH-50PX600B
D-Board (4 of 8) Schematic Diagram

32 33 34 35 36

14.41. D-Board (5 of 8) Schematic Diagram



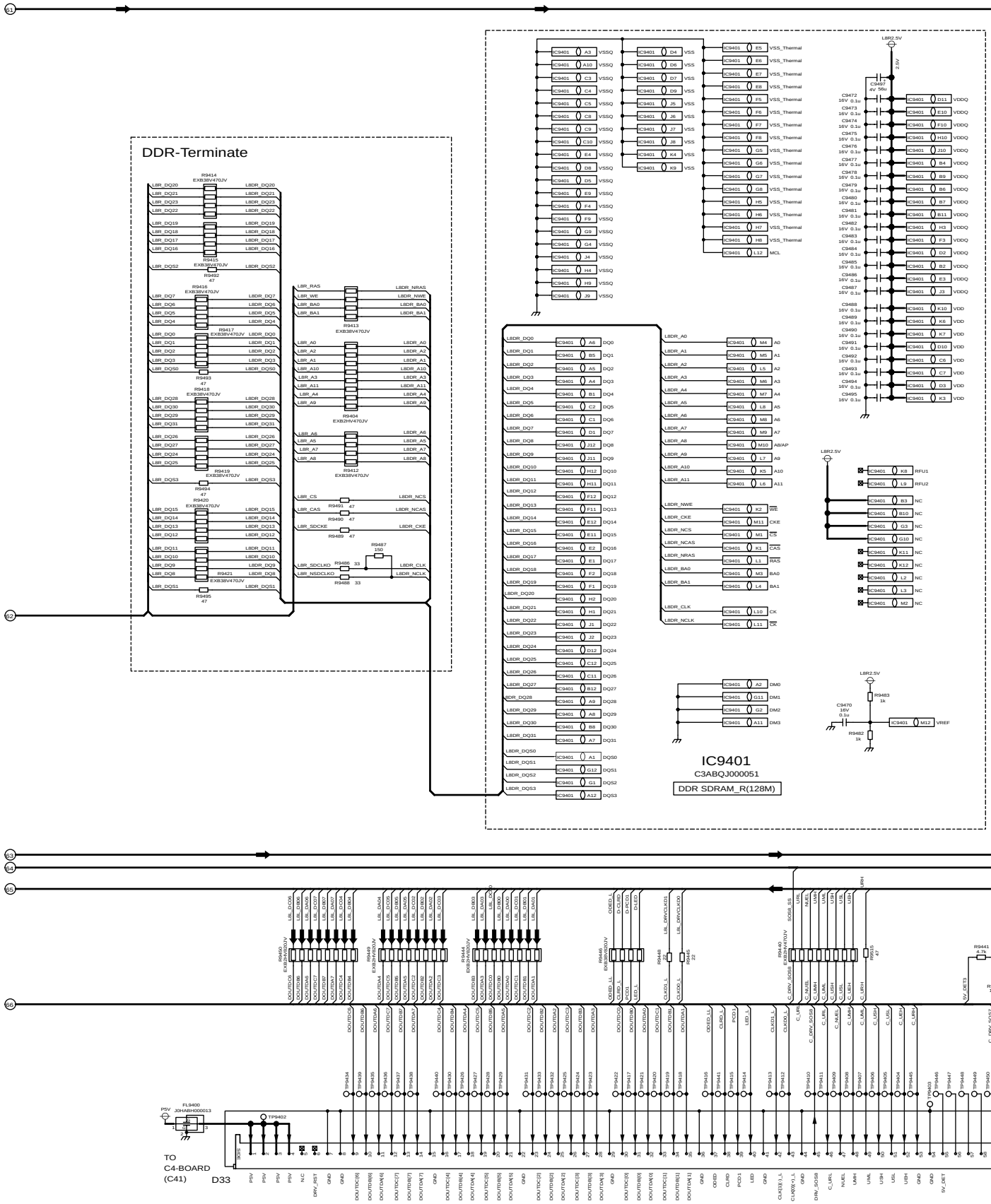
TH-50PV600E, TH-50PX600B
D-Board (5 of 8) Schematic Diagram

D-BOARD TZTNP01BETB (5/8)

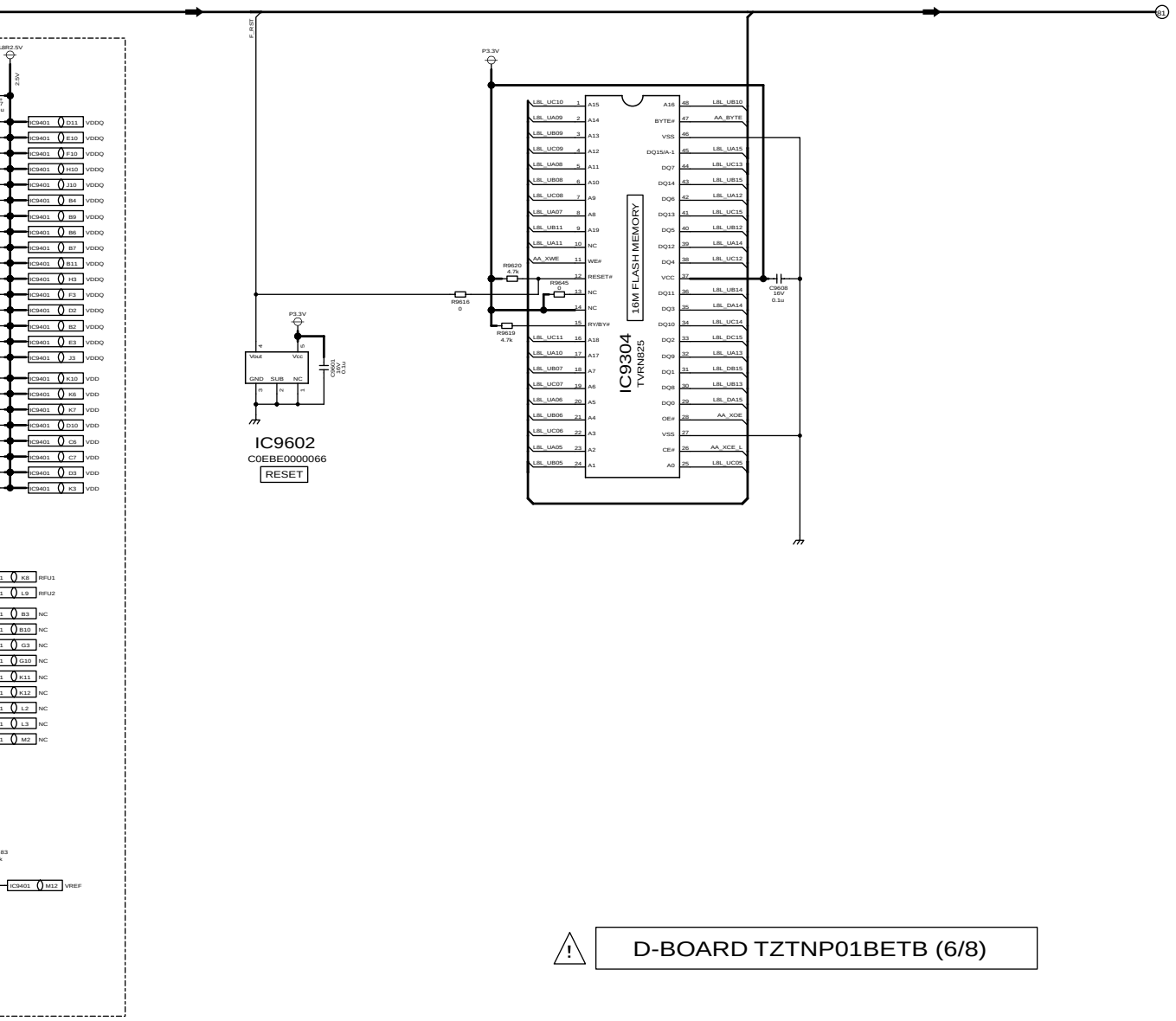
TH-50PV600E, TH-50PX600B
D-Board (5 of 8) Schematic Diagram

41	42	43	44	45

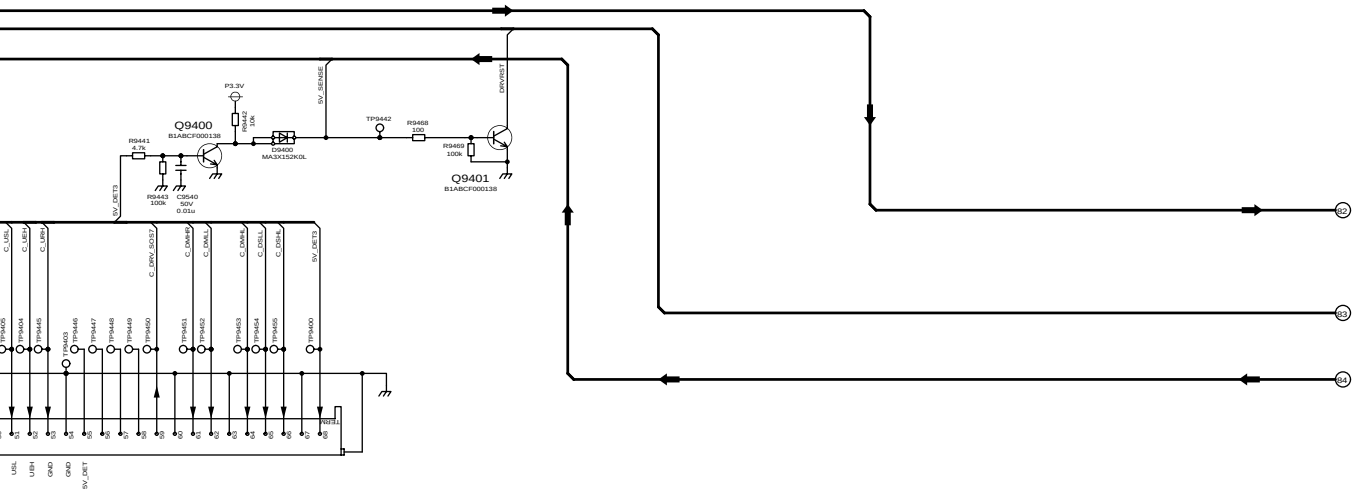
14.42. D-Board (6 of 8) Schematic Diagram



TH-50PV600E, TH-50PX600B
D-Board (6 of 8) Schematic Diagram

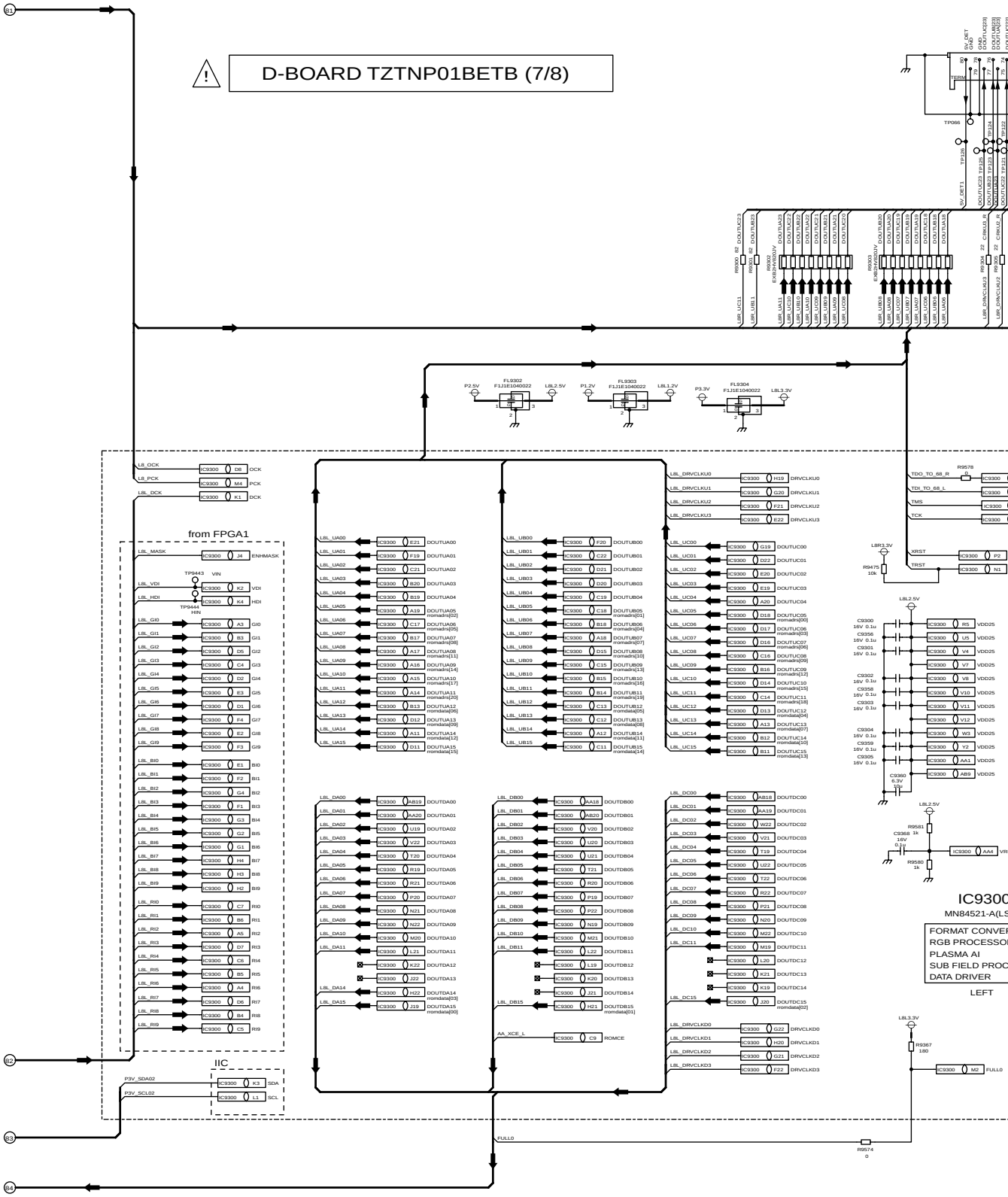


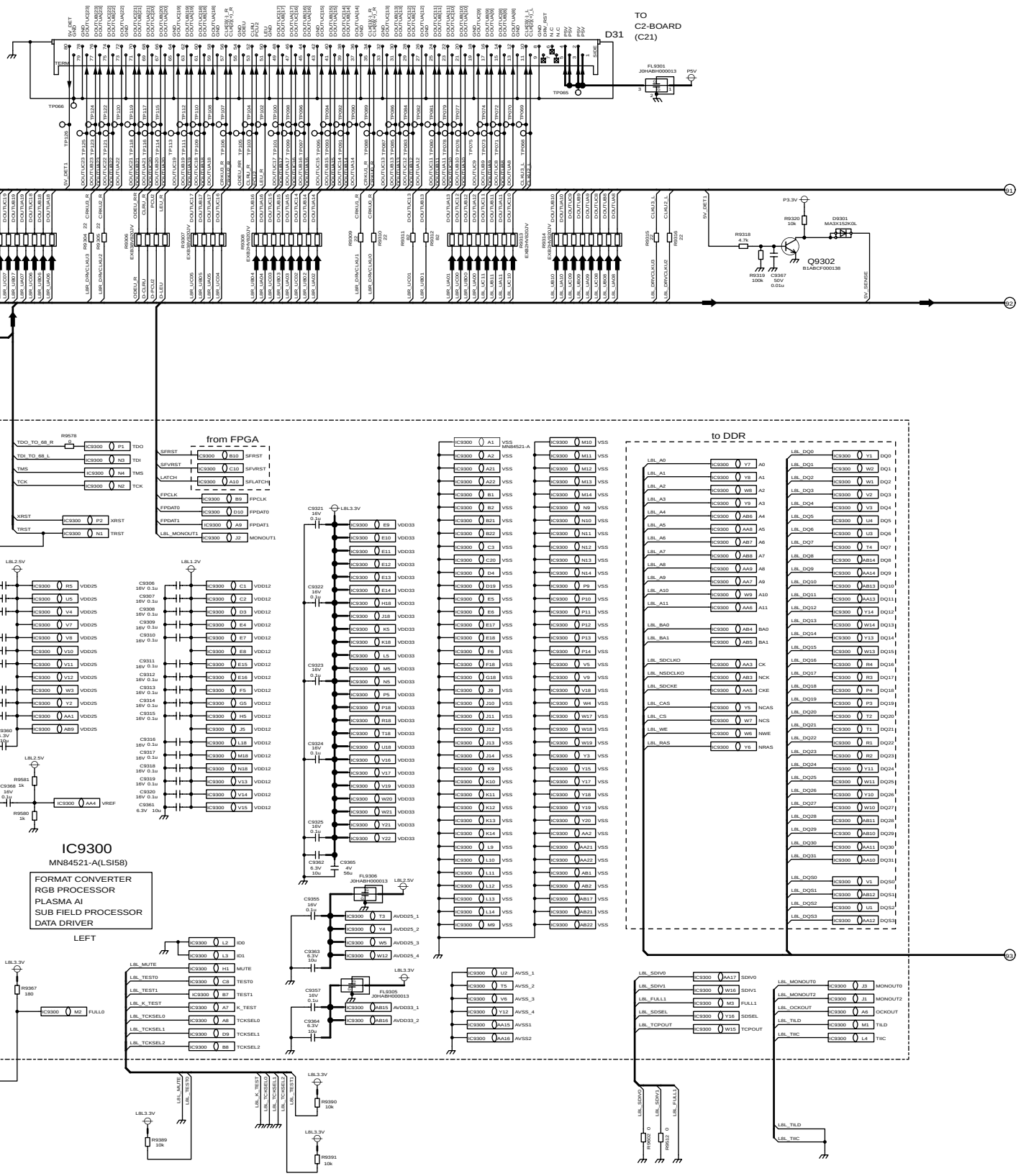
D-BOARD TZTNP01BETB (6/8)



TH-50PV600E, TH-50PX600B
D-Board (6 of 8) Schematic Diagram

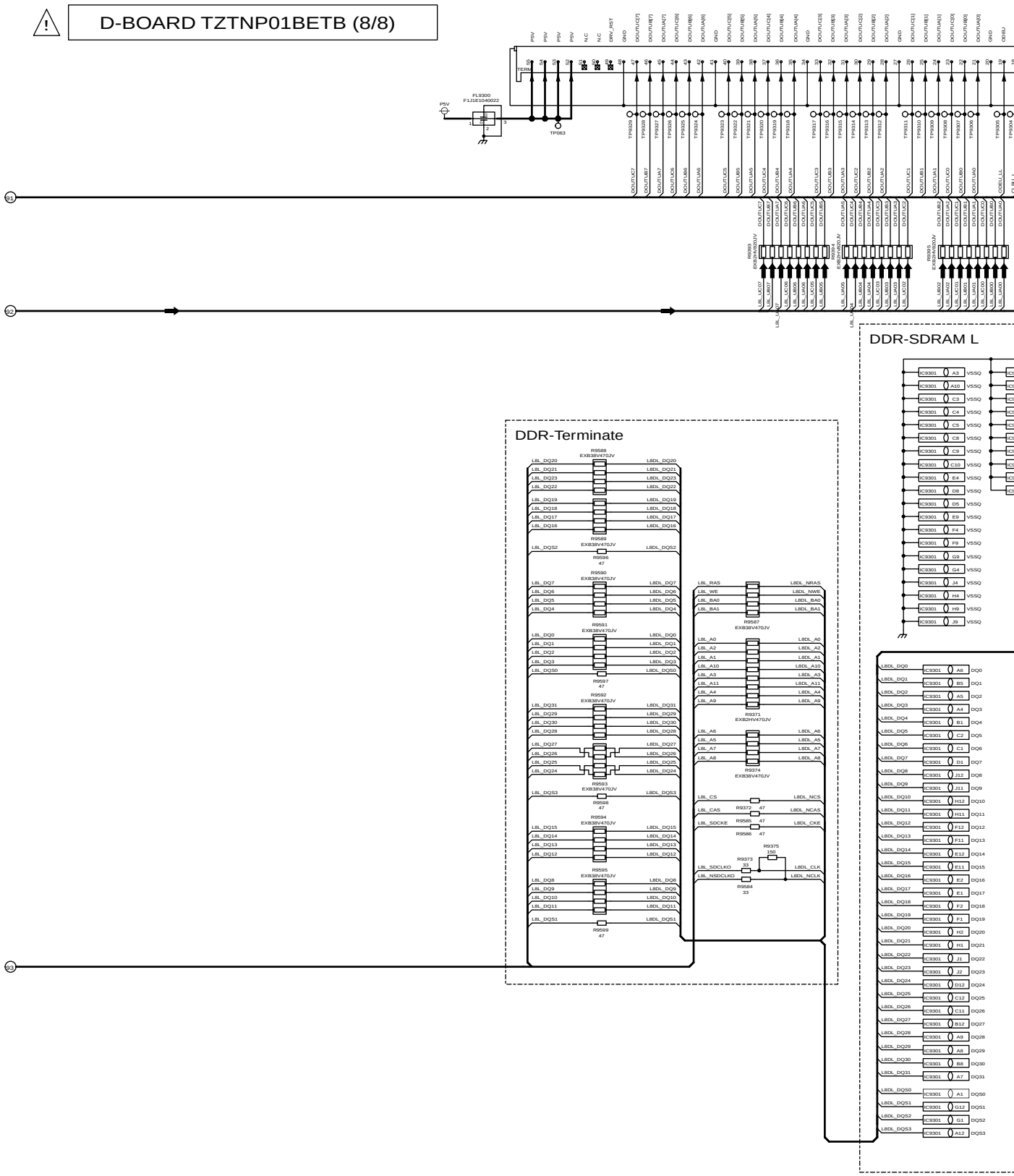
14.43. D-Board (7 of 8) Schematic Diagram

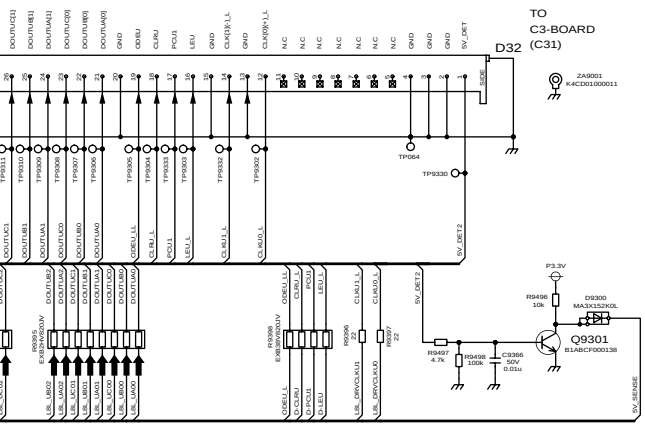


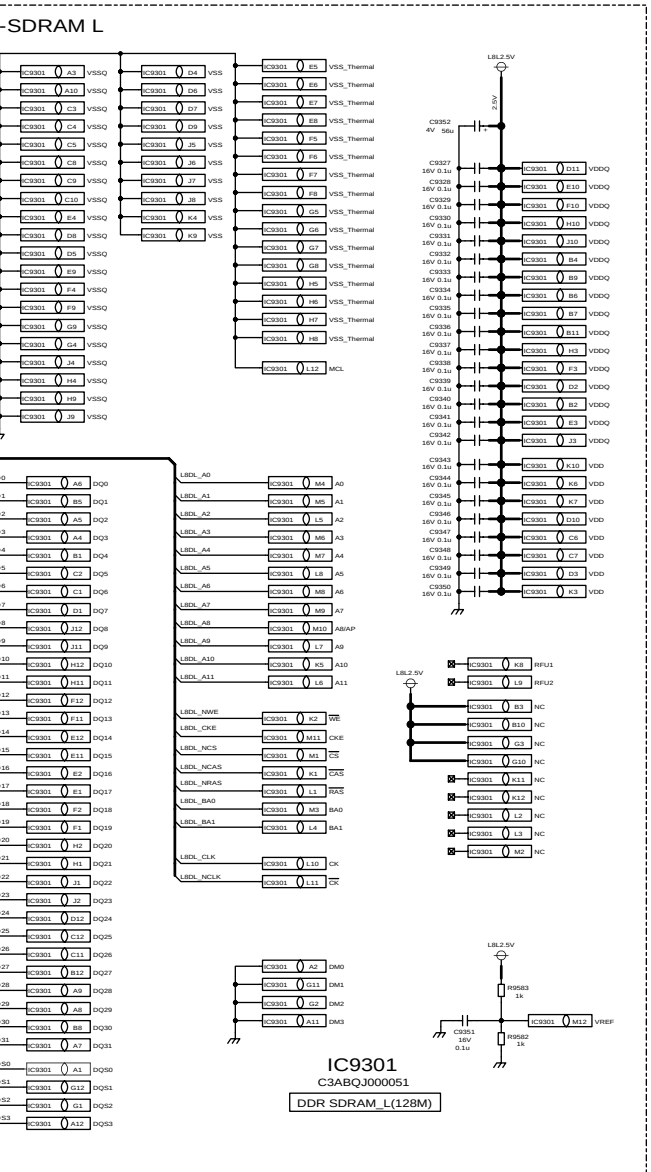


TH-50PV600E, TH-50PX600B
D-Board (7 of 8) Schematic Diagram

14.44. D-Board (7 of 8) Schematic Diagram

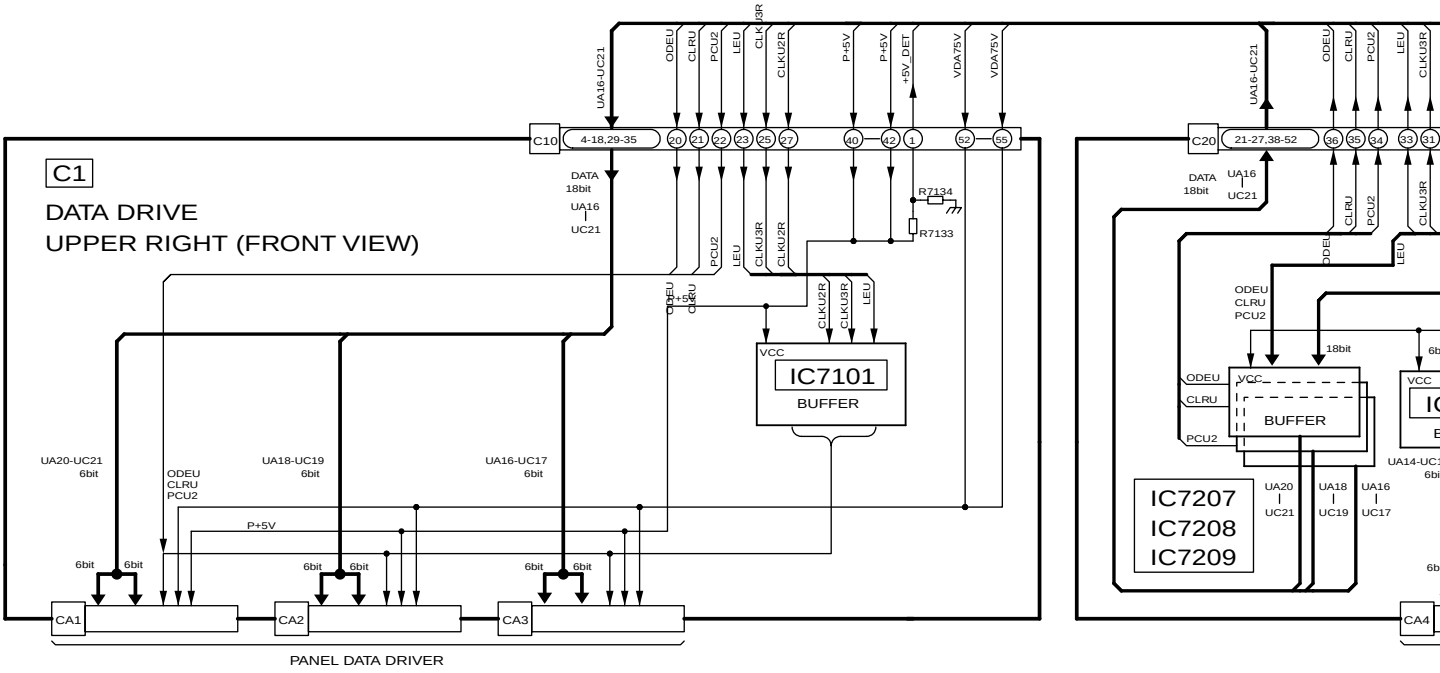


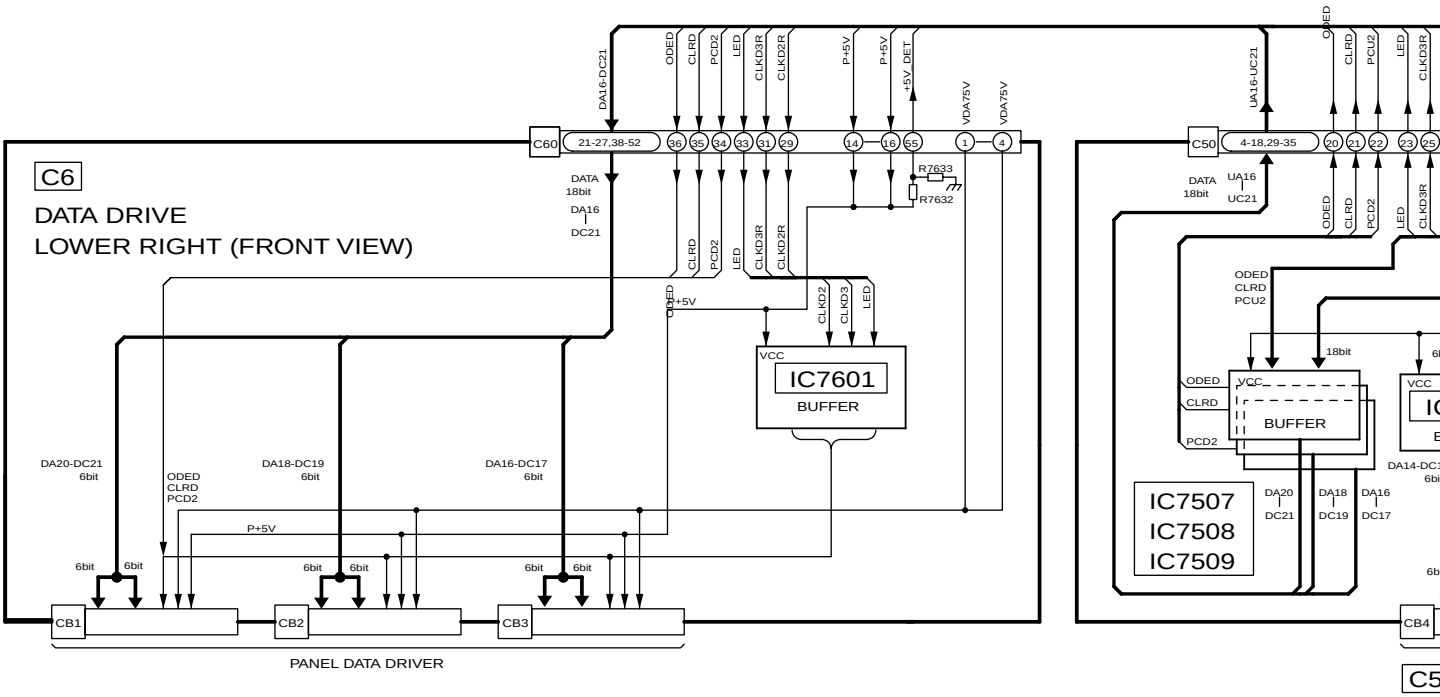




TH-50PV600E, TH-50PX600B
D-Board (8 of 8) Schematic Diagram

14.45. C1, C2, C5 and C6-Board Block Diagram

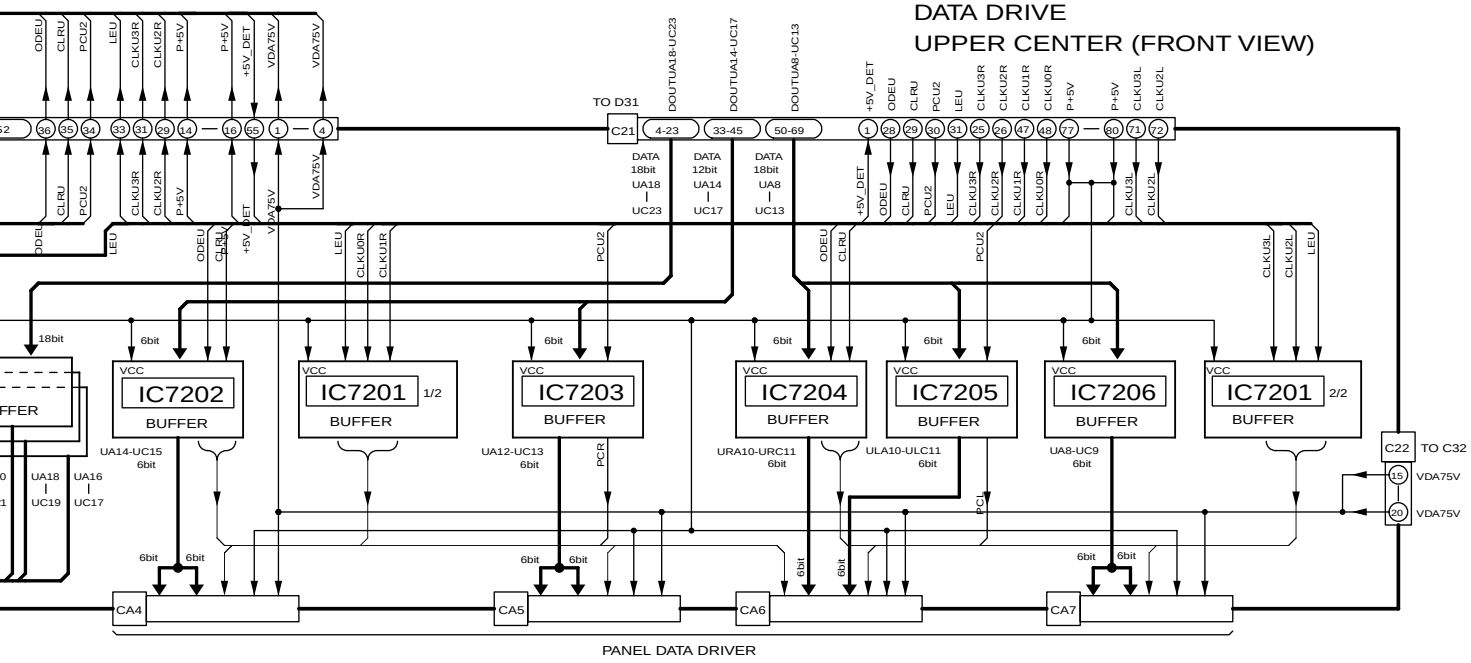


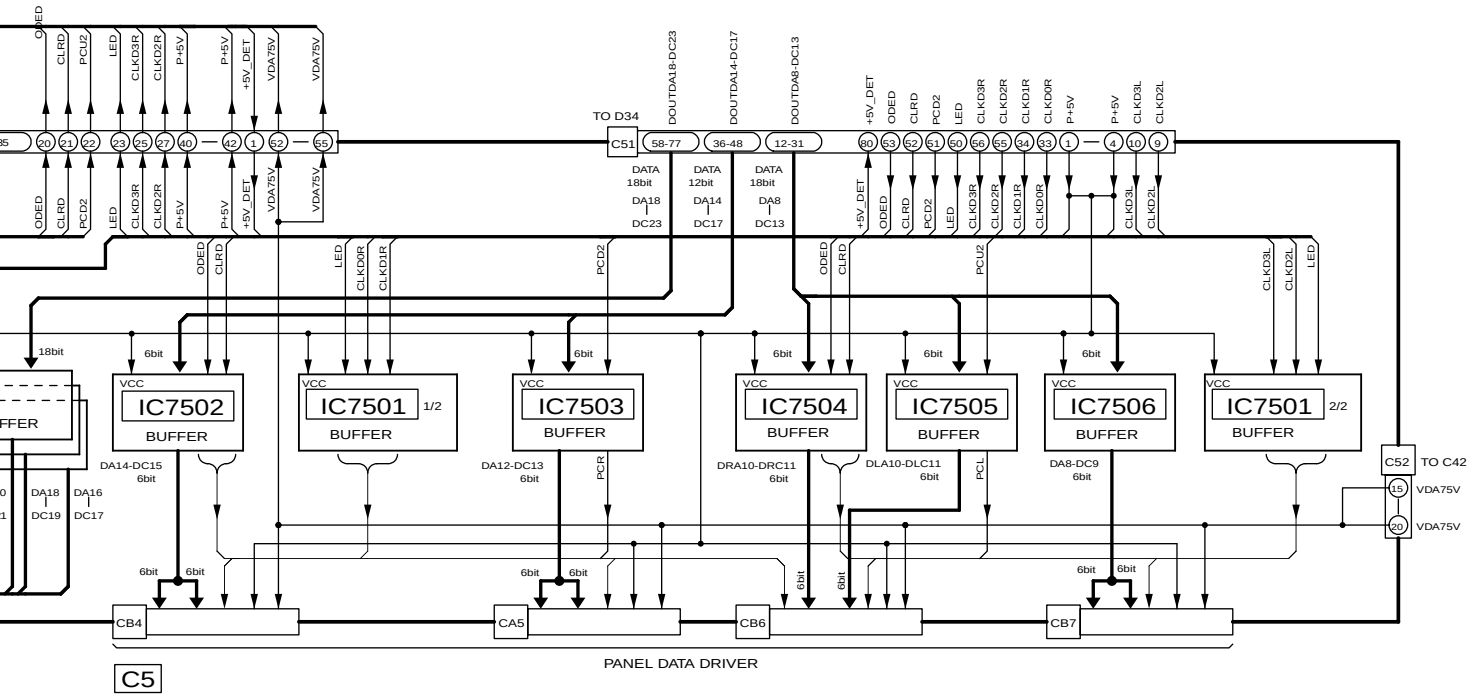


TH-50PV600E, TH-50PX600B
C1, C2, C5 and C6-Board Block Diagram

C2

DATA DRIVE
UPPER CENTER (FRONT VIEW)



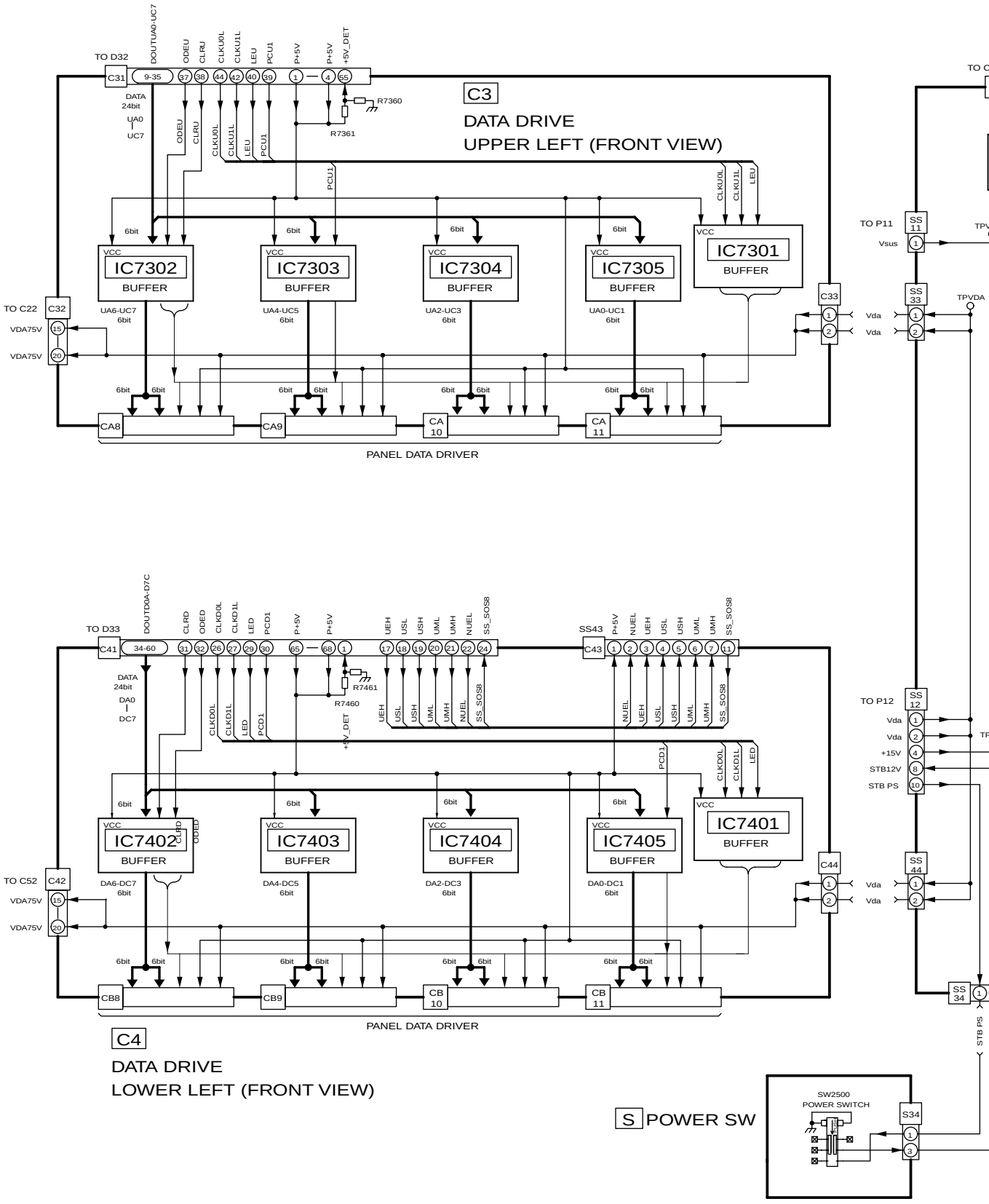


C5

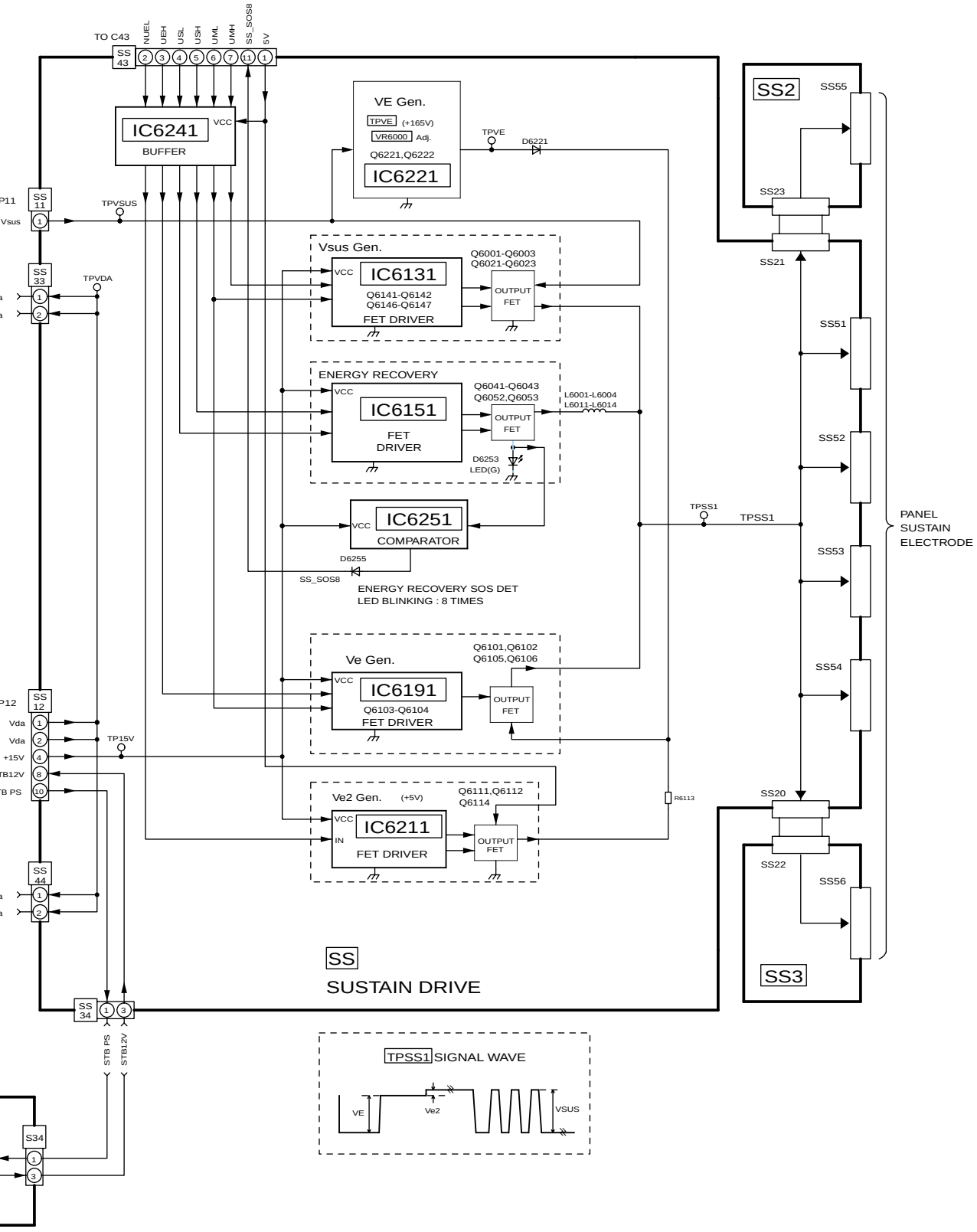
DATA DRIVE
LOWER CENTER (FRONT VIEW)

TH-50PV600E, TH-50PX600B
C1, C2, C5 and C6-Board Block Diagram

14.46. C3, C4, SS, S, SS2 and SS3-Board Block Diagram



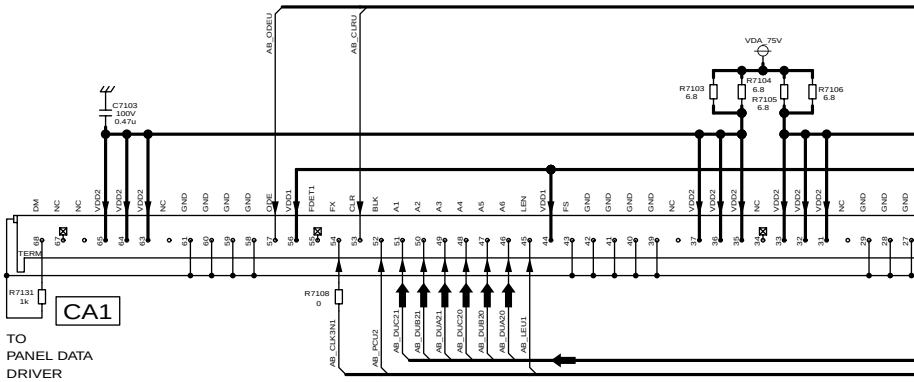
TH-50PV600B, TH-50PX600E
C3, C4, SS, S, SS2 and SS3-Board Block Diagram

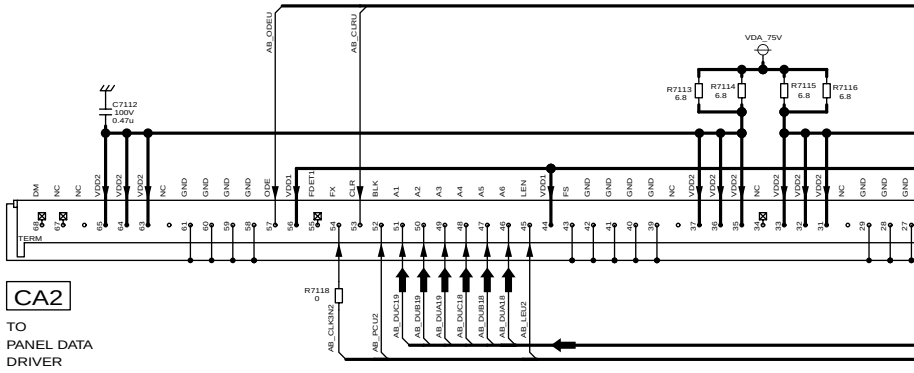


TH-50PV600B, TH-50PX600E
C3, C4, SS, S, SS2 and SS3-Board Block Diagram

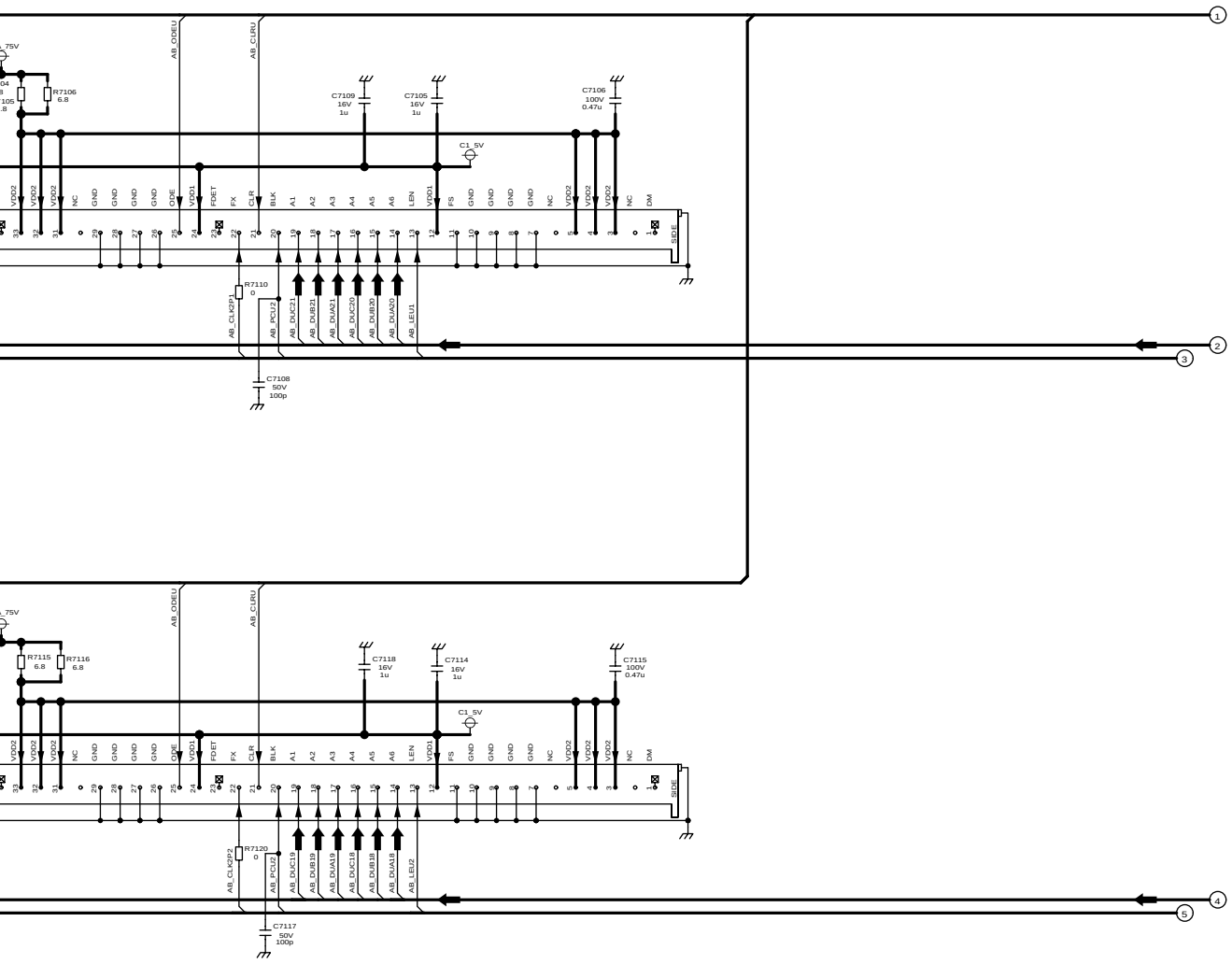
14.47. C1-Board (1 of 2) Schematic Diagram

C1-BOARD TXNC11BETB (1/2)





TH-50PV600E, TH-50PX600B
C1-Board (1 of 2) Schematic Diagram

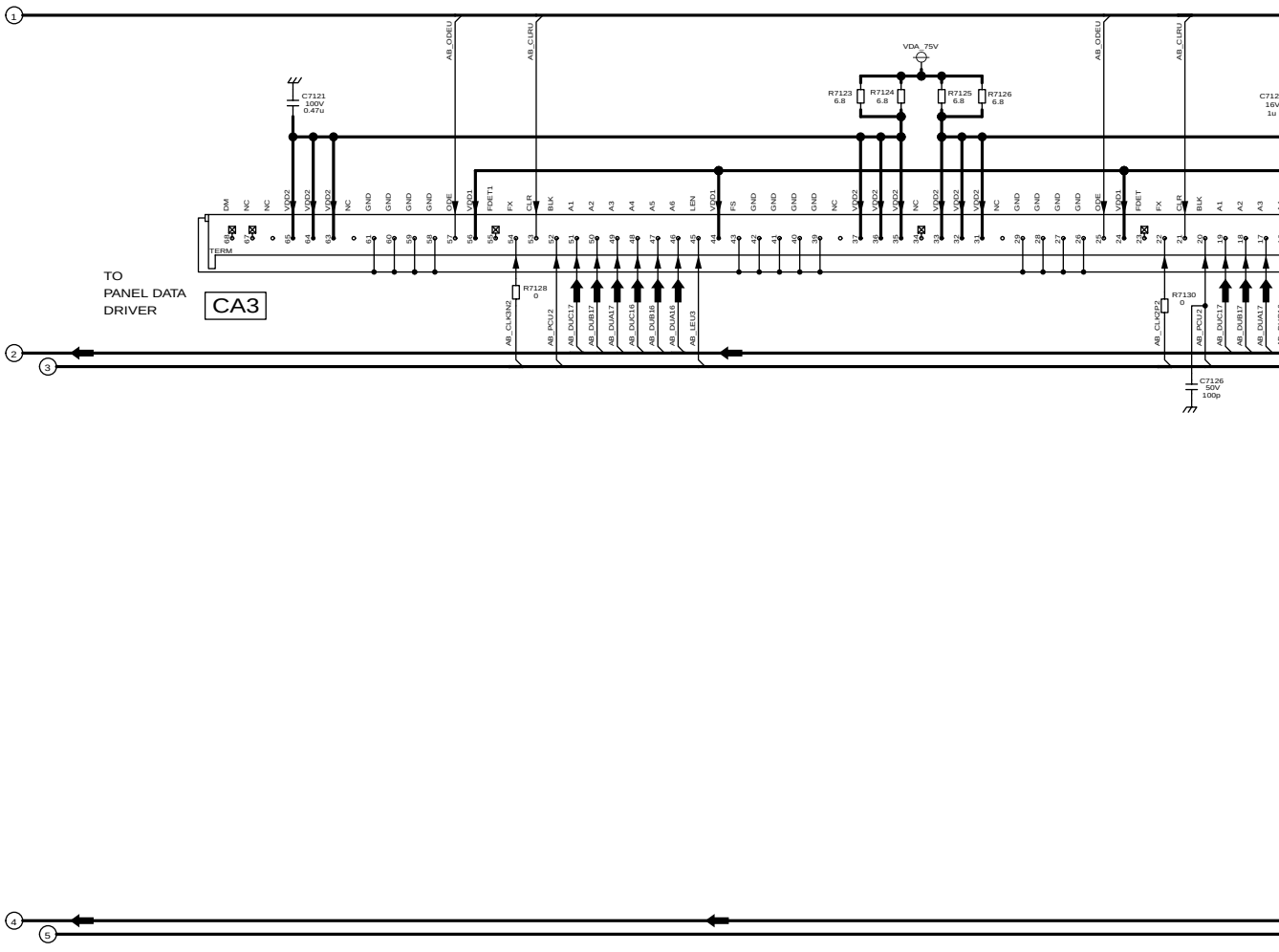


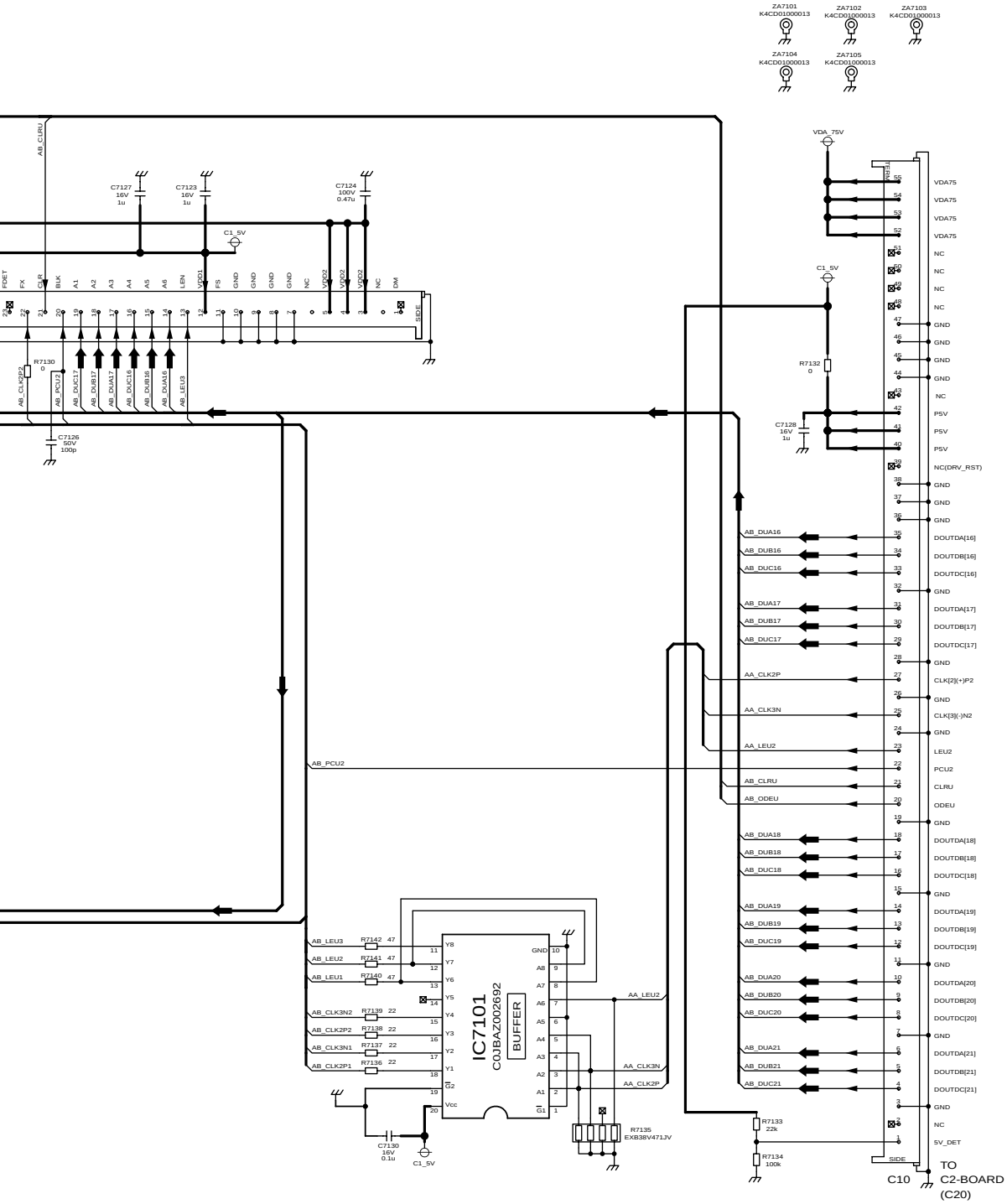
TH-50PV600E, TH-50PX600B
C1-Board (1 of 2) Schematic Diagram

4 5 6 7 8

14.48. C1-Board (2 of 2) Schematic Diagram

C1-BOARD TXNC11BETB (2/2)

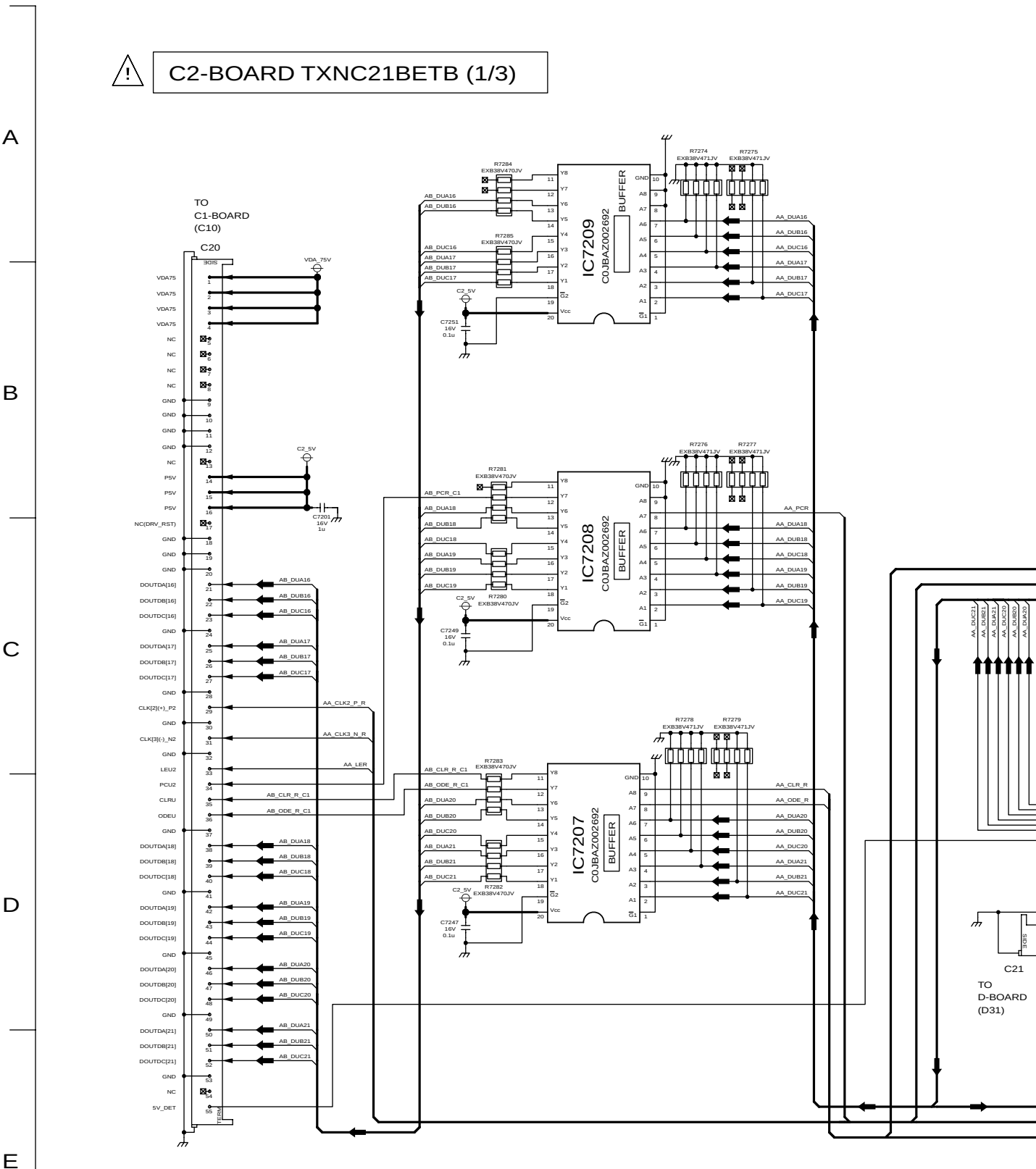




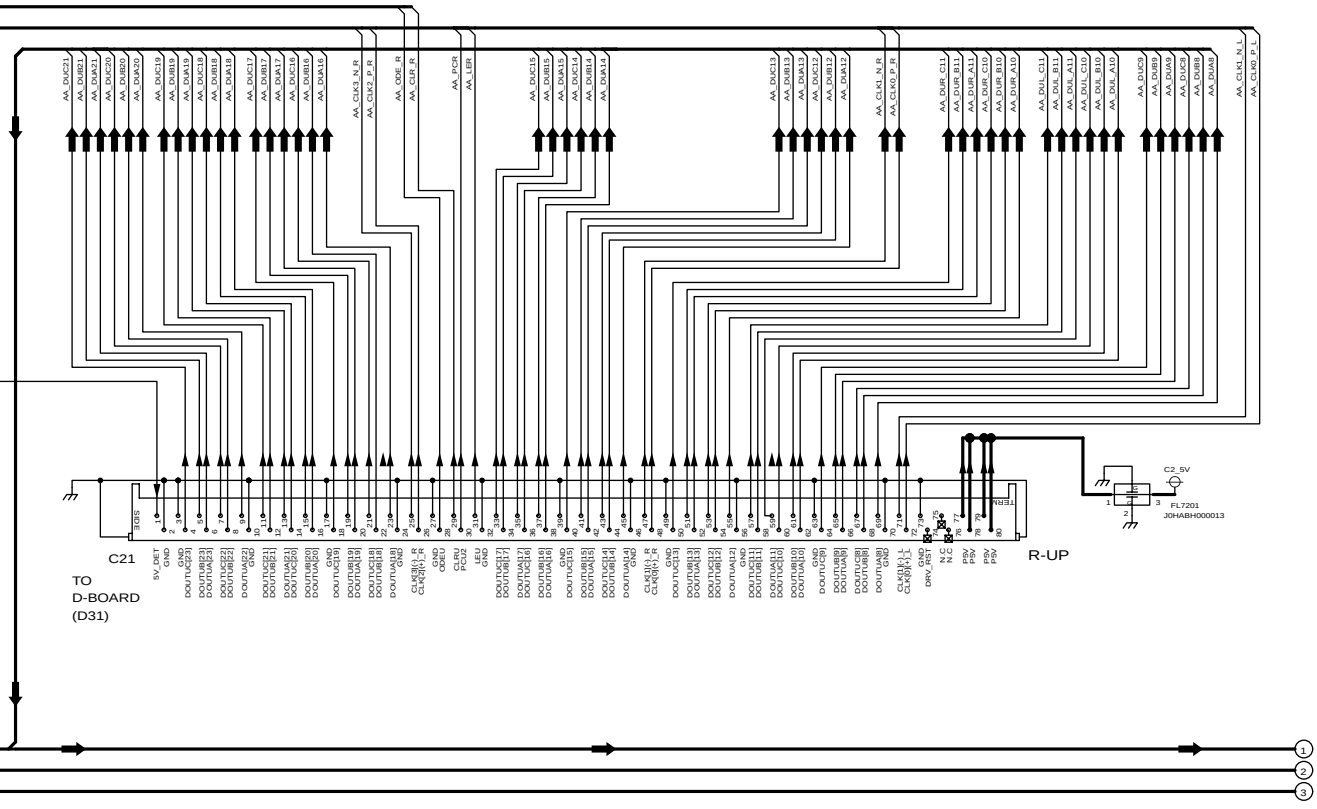
TH-50PV600E, TH-50PX600B
C1-Board (2 of 2) Schematic Diagram

12 13 14 15

14.49. C2-Board (1 of 3) Schematic Diagram



TH-50PV600E, TH-50PX600B
C2-Board (1 of 3) Schematic Diagram

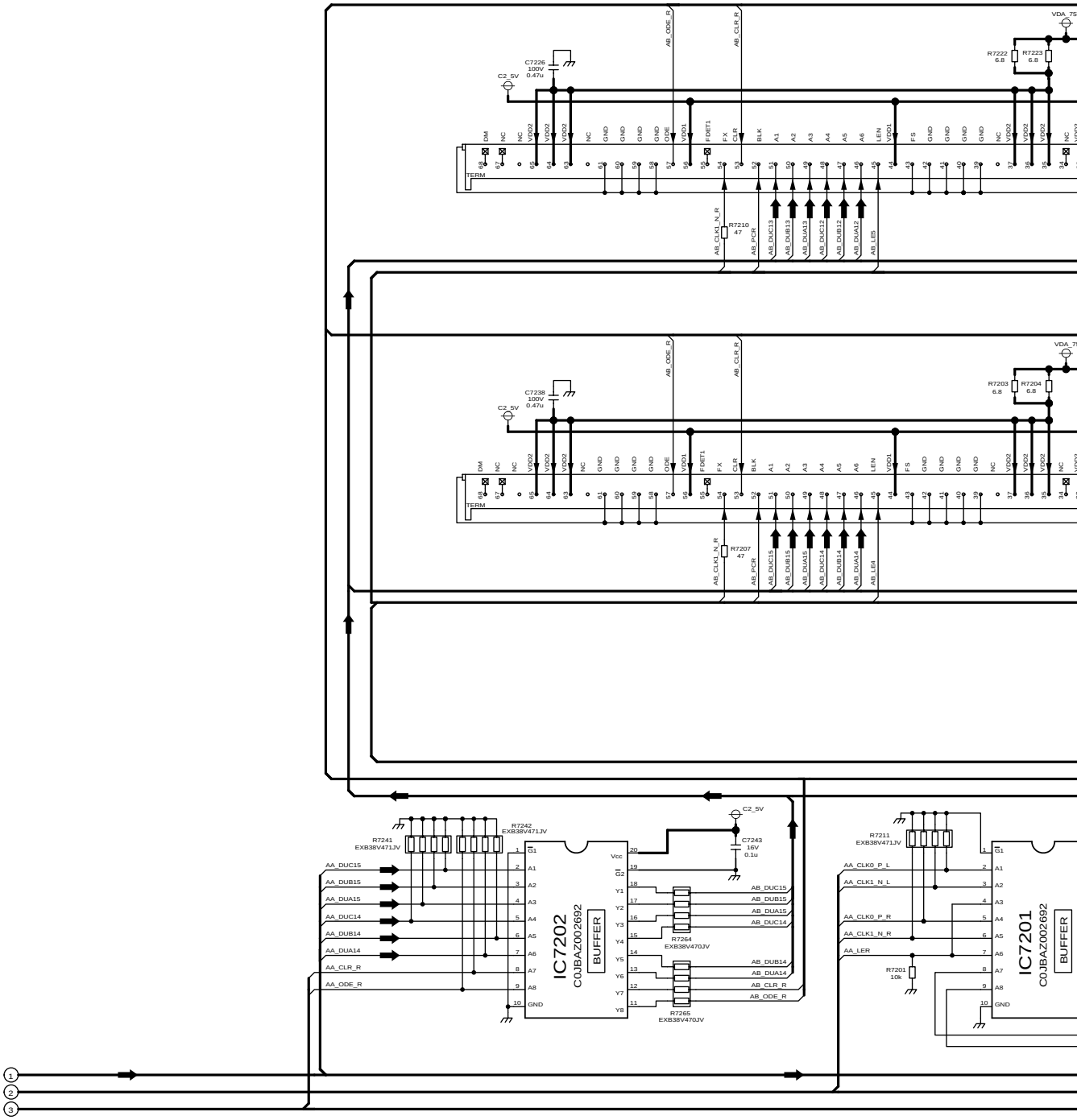


TH-50PV600E, TH-50PX600B
C2-Board (1 of 3) Schematic Diagram

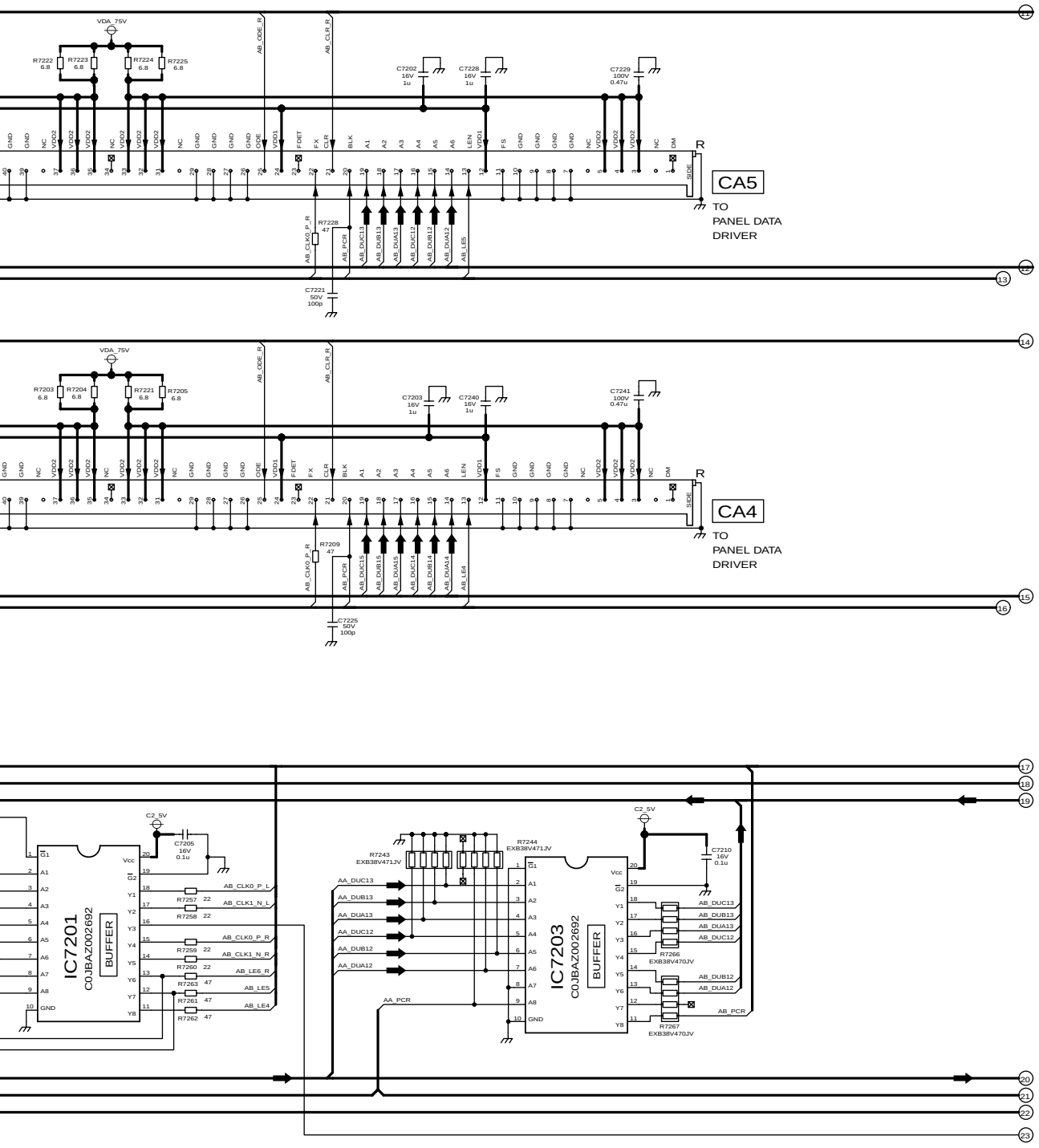
4 5 6 7 8

14.50. C2-Board (2 of 3) Schematic Diagram

C2-BOARD TXNC21BETB (2/3)



TH-50PV600E, TH-50PX600B
C2-Board (2 of 3) Schematic Diagram

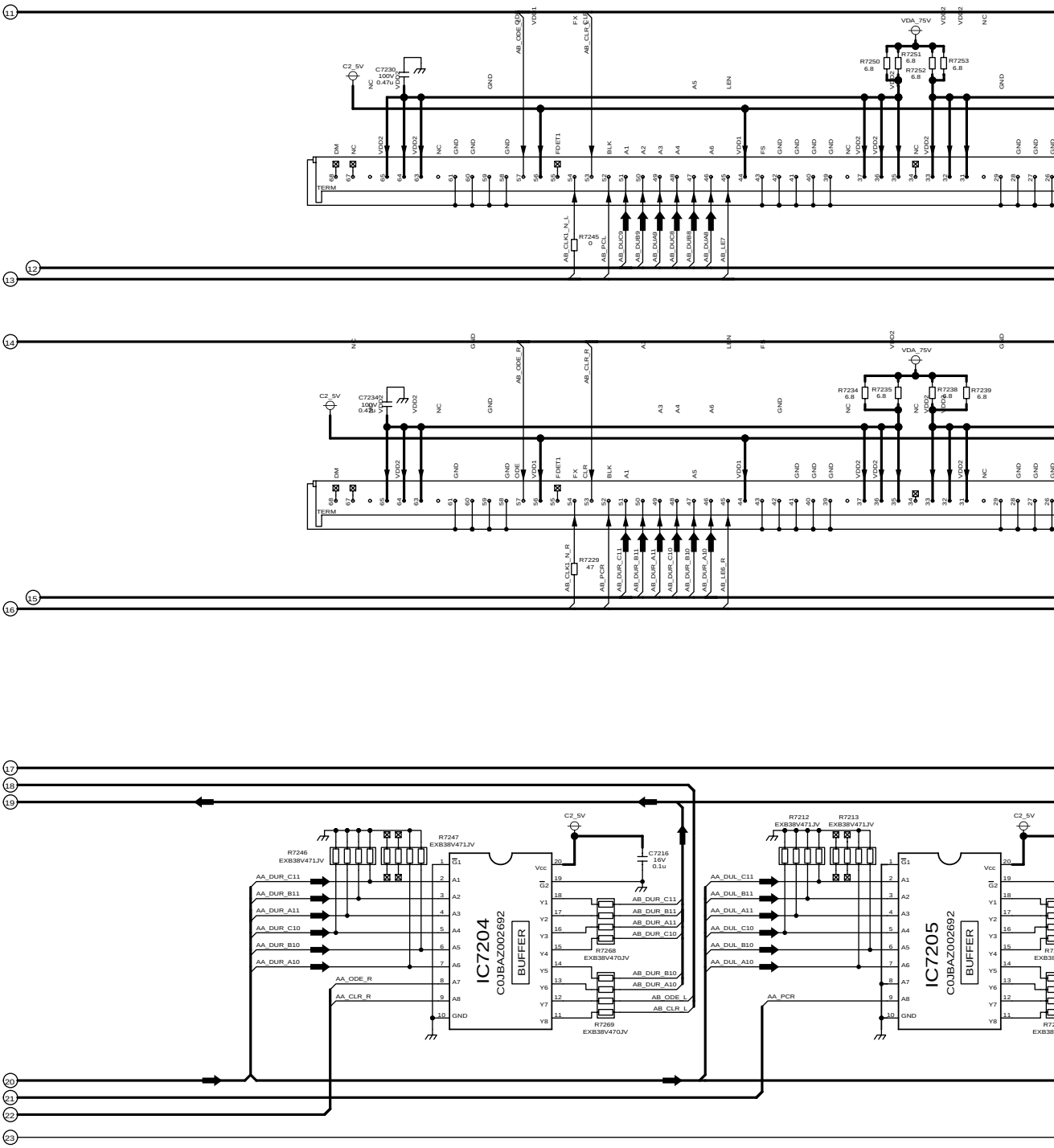


TH-50PV600E, TH-50PX600B
C2-Board (2 of 3) Schematic Diagram

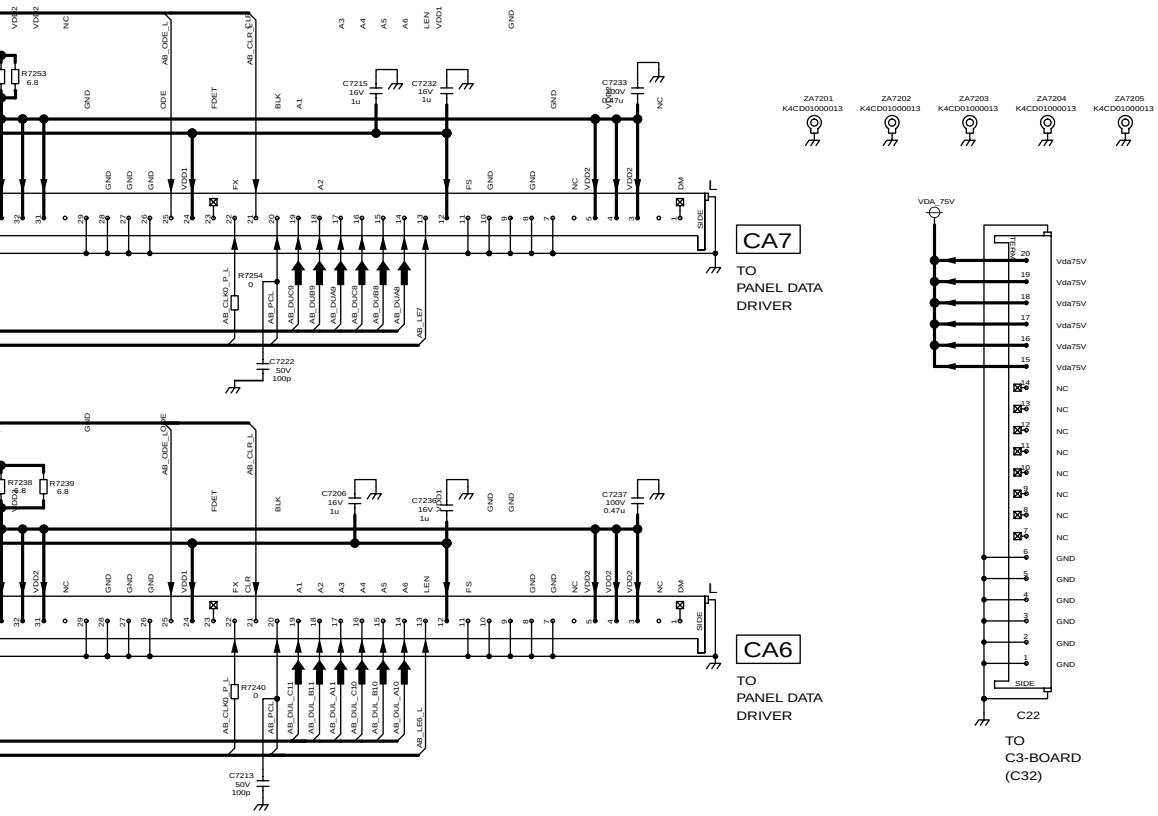
12 13 14 15

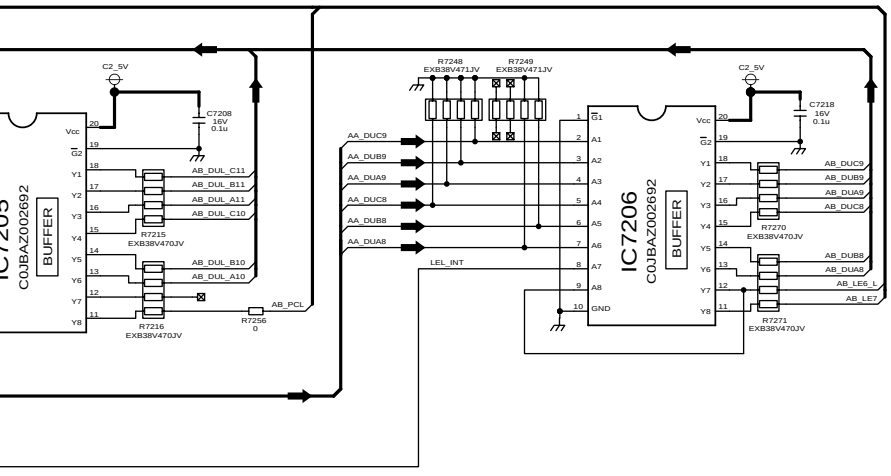
14.51. C2-Board (3 of 3) Schematic Diagram

C2-BOARD TXNC21BETB (3/3)



TH-50PV600E, TH-50PX600B
C2-Board (3 of 3) Schematic Diagram

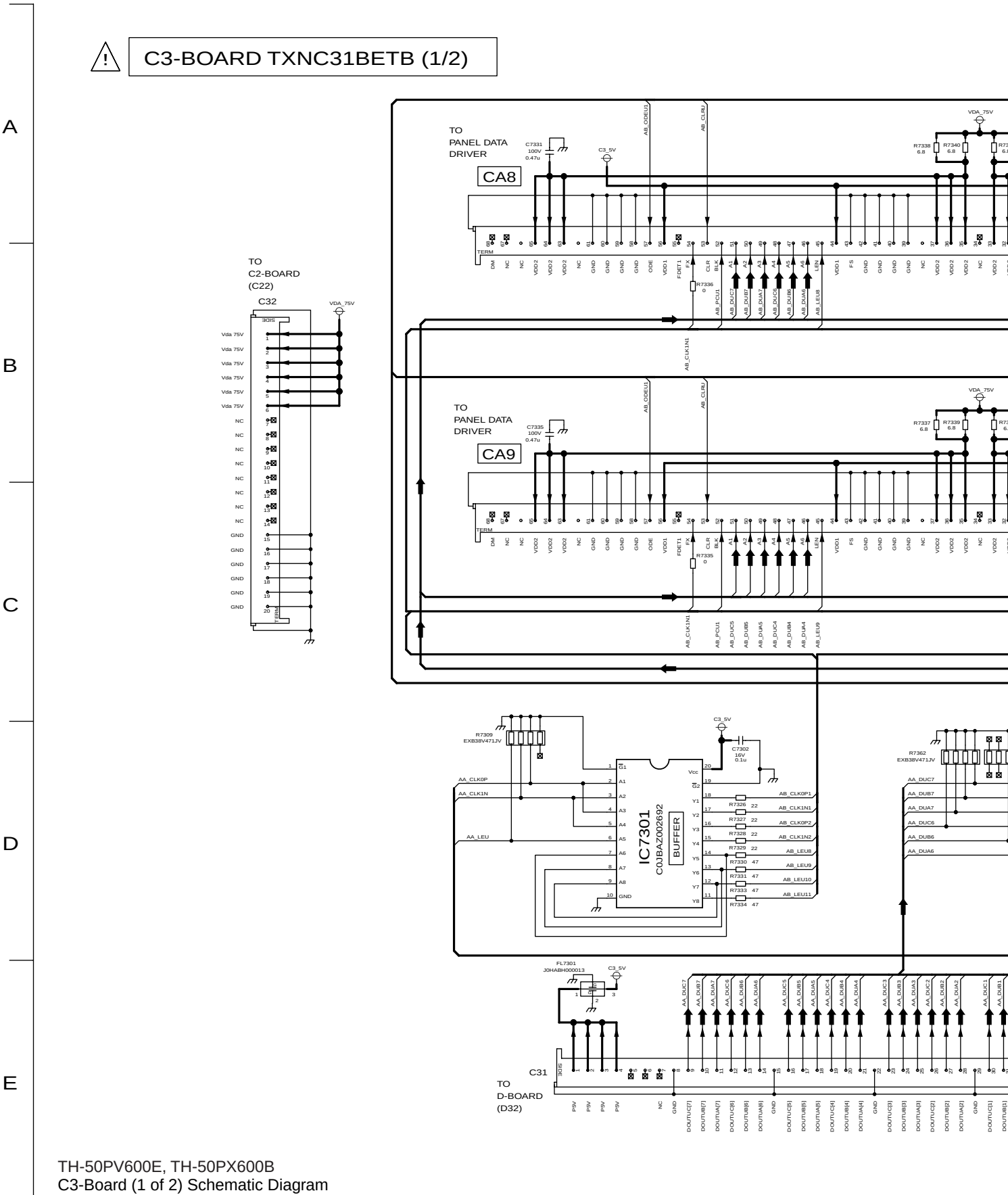




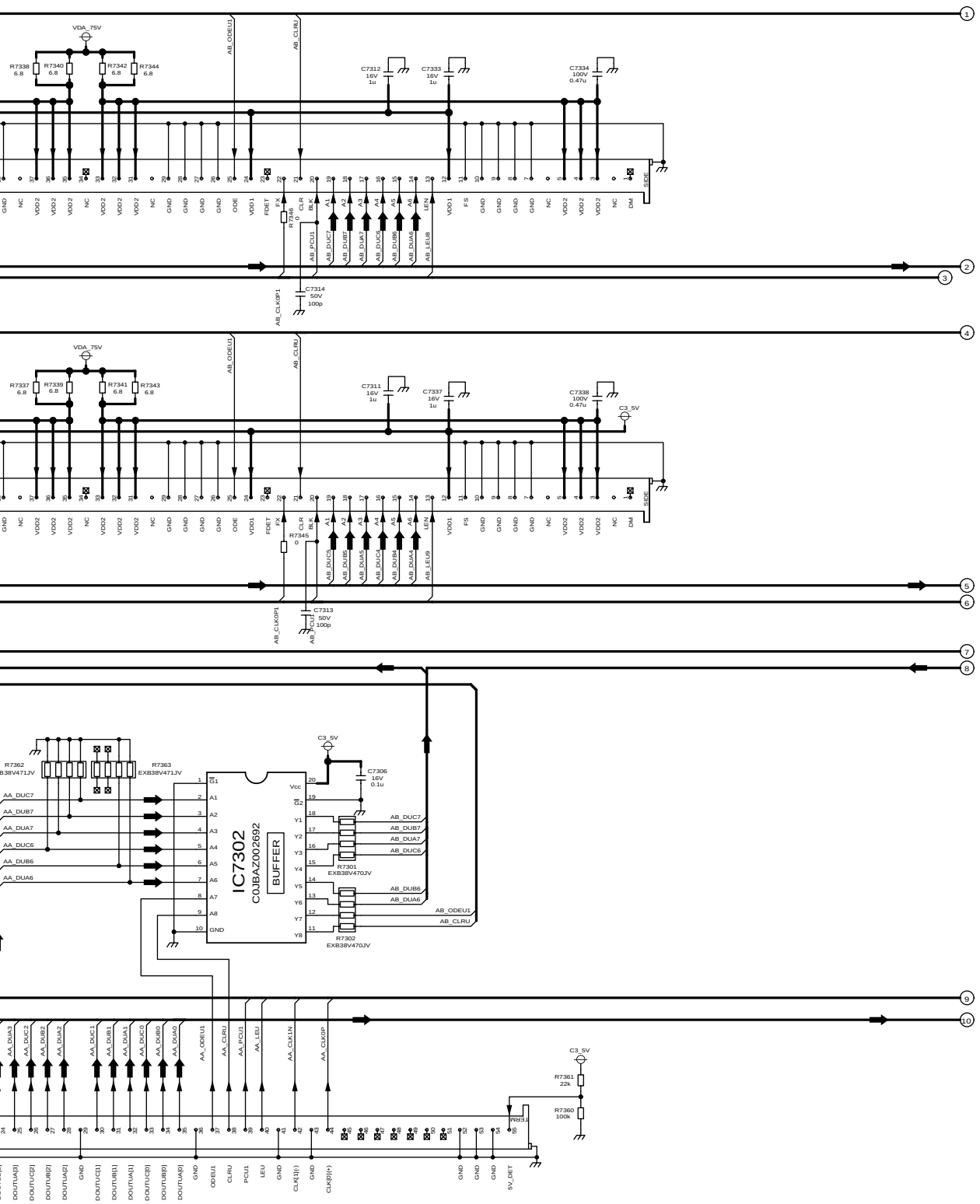
TH-50PV600E, TH-50PX600B
C2-Board (3 of 3) Schematic Diagram

19 | 20 | 21 | 22 | 23

14.52. C3-Board (1 of 2) Schematic Diagram



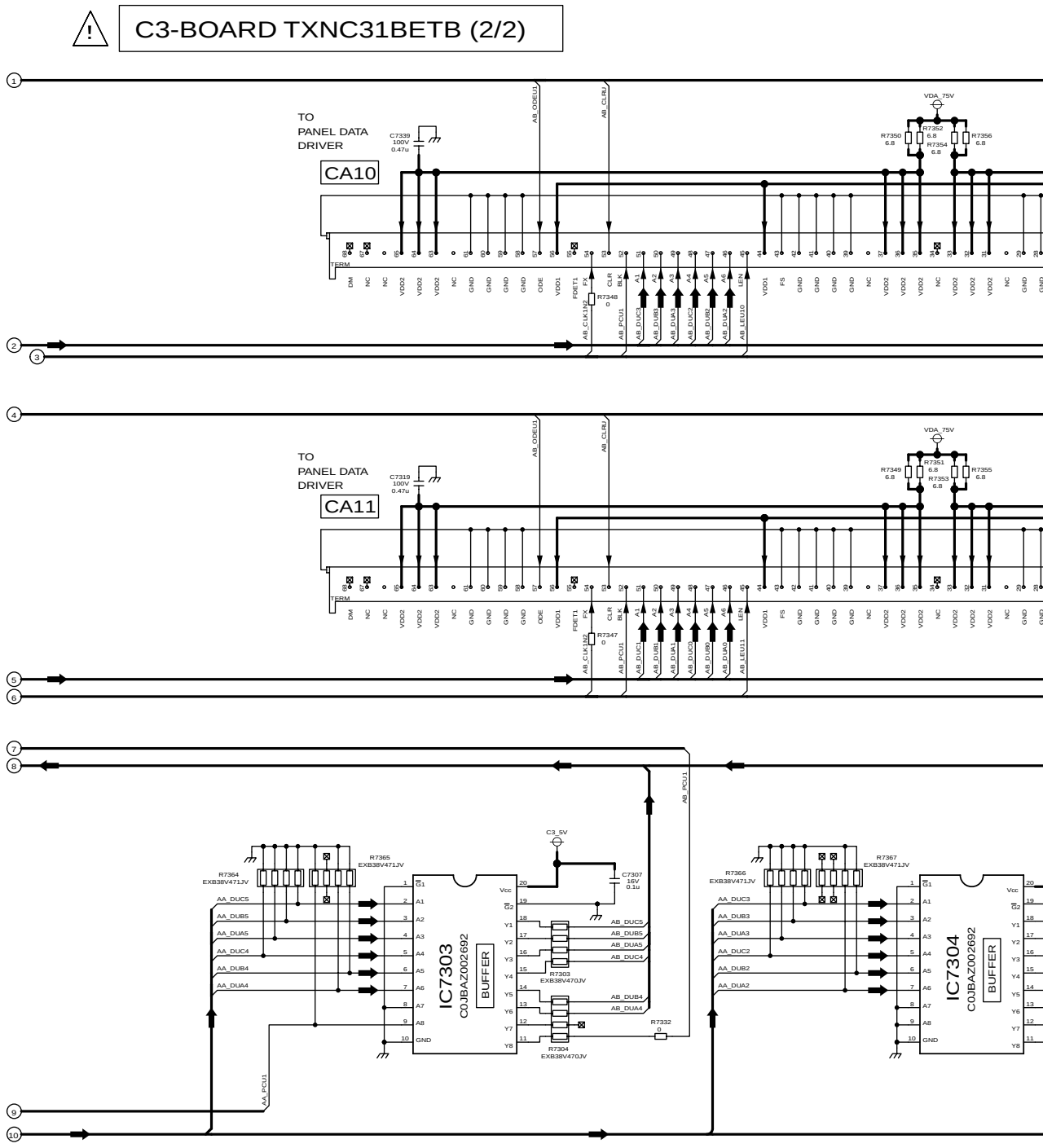
TH-50PV600E, TH-50PX600B
C3-Board (1 of 2) Schematic Diagram



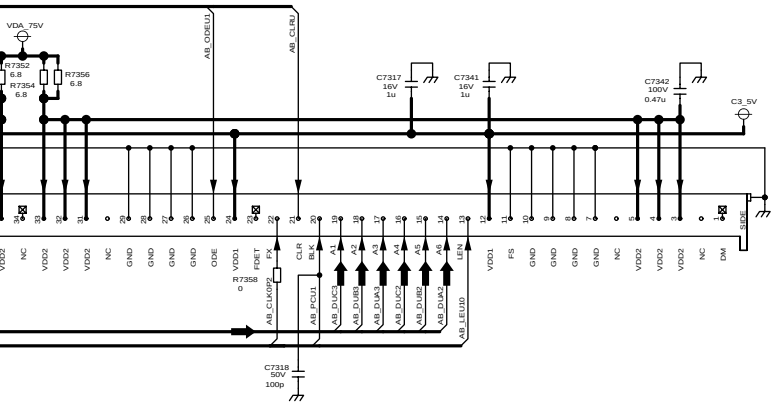
TH-50PV600E, TH-50PX600B
C3-Board (1 of 2) Schematic Diagram

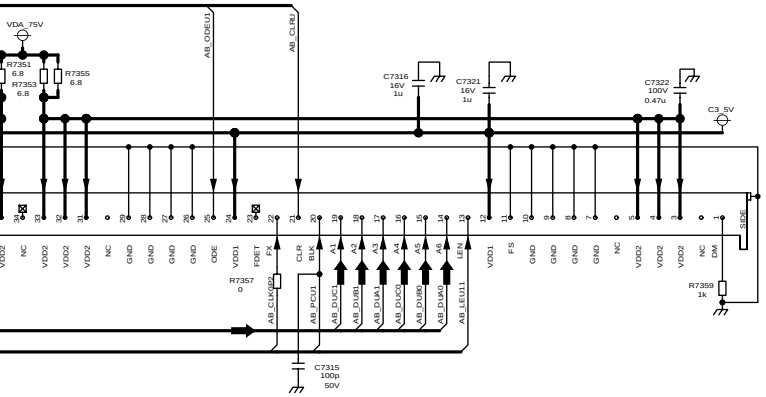
5 6 7 8

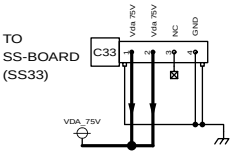
14.53. C3-Board (2 of 2) Schematic Diagram

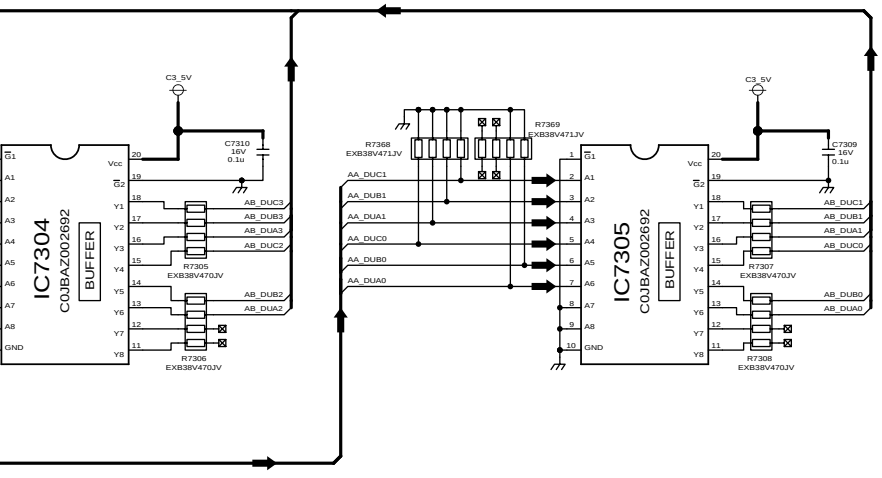


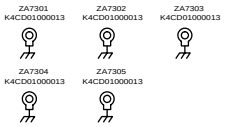
TH-50PV600E, TH-50PX600B
C3-Board (2 of 2) Schematic Diagram







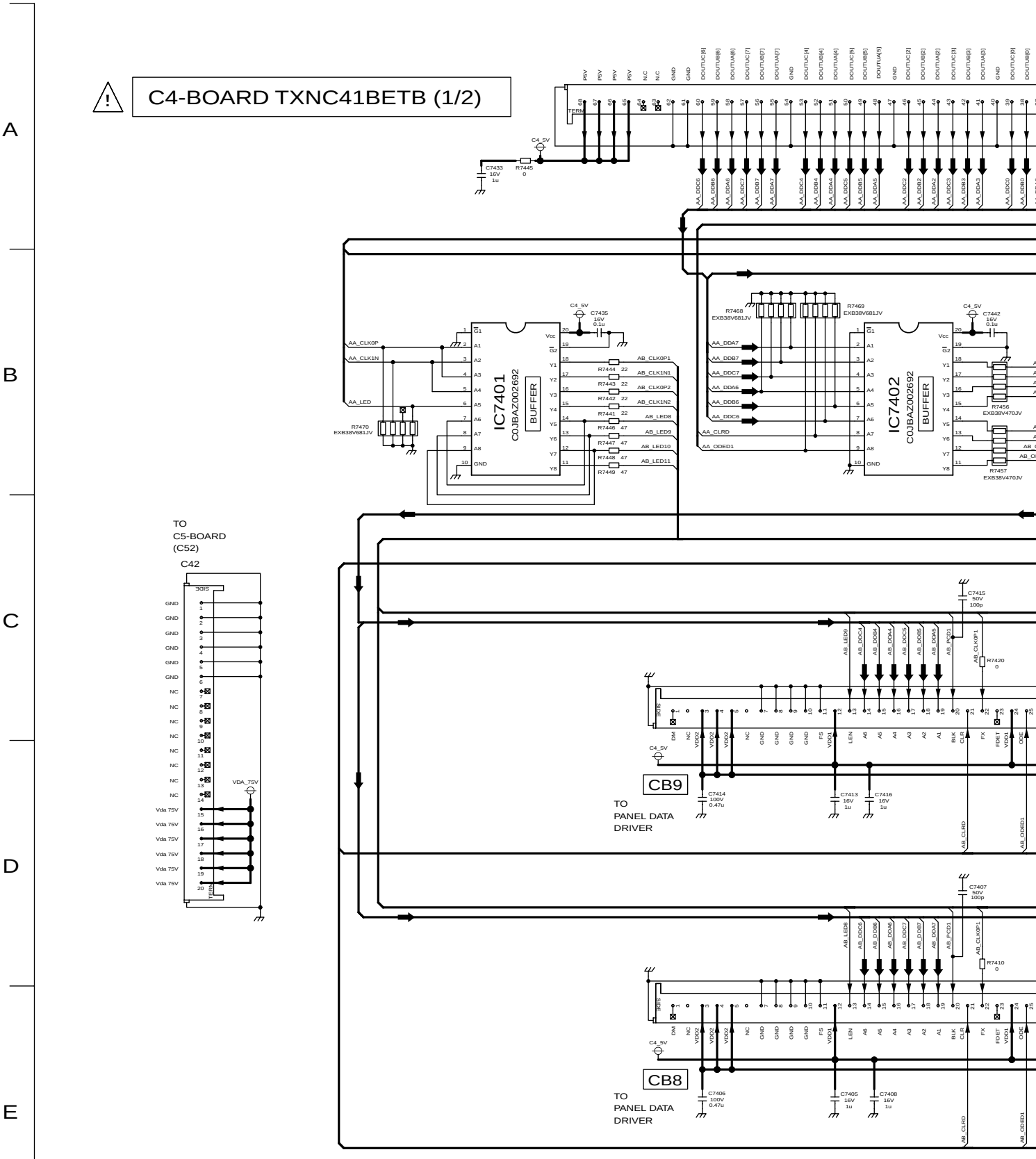




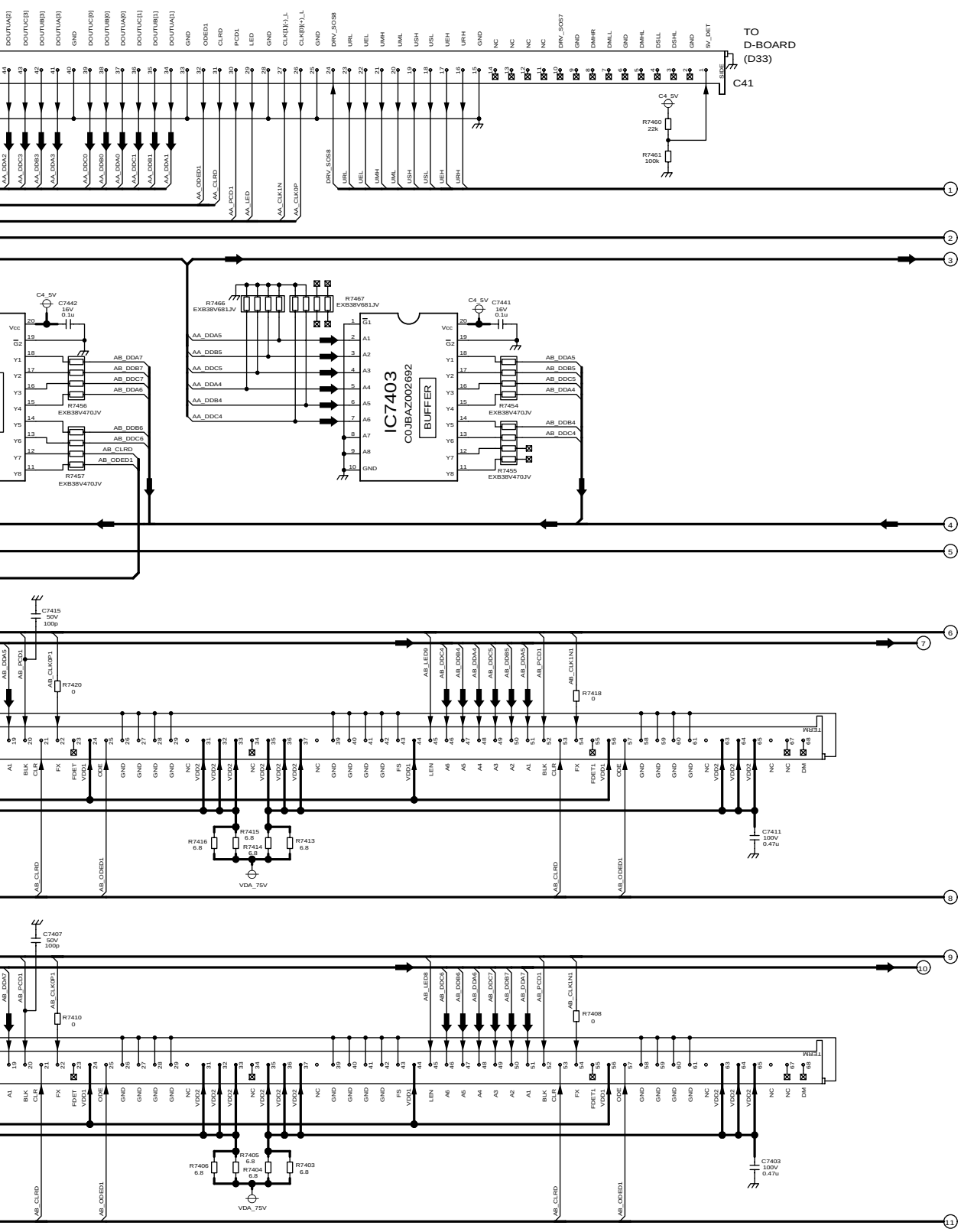
TH-50PV600E, TH-50PX600B
C3-Board (2 of 2) Schematic Diagram

12	13	14	15

14.54. C4-Board (1 of 2) Schematic Diagram



TH-50PV600E, TH-50PX600B
C4-Board (1 of 2) Schematic Diagram



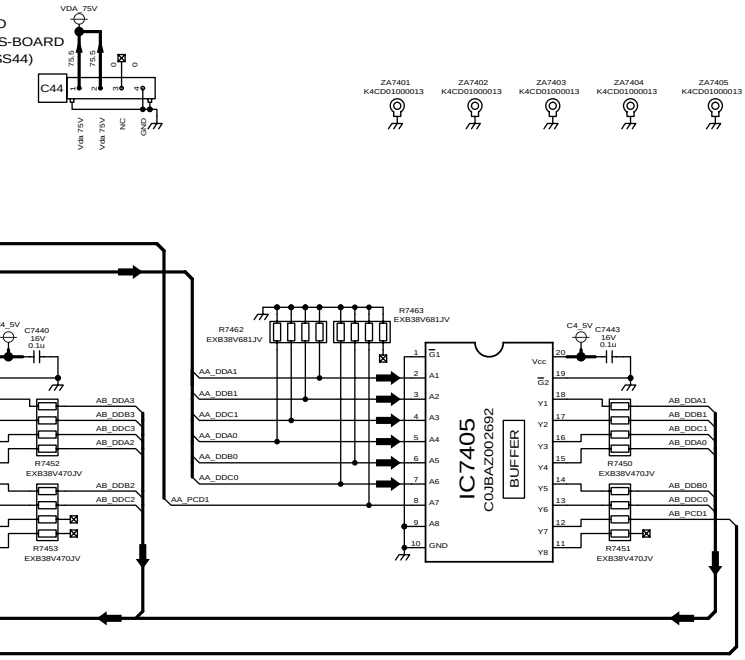
TH-50PV600E, TH-50PX600B
C4-Board (1 of 2) Schematic Diagram

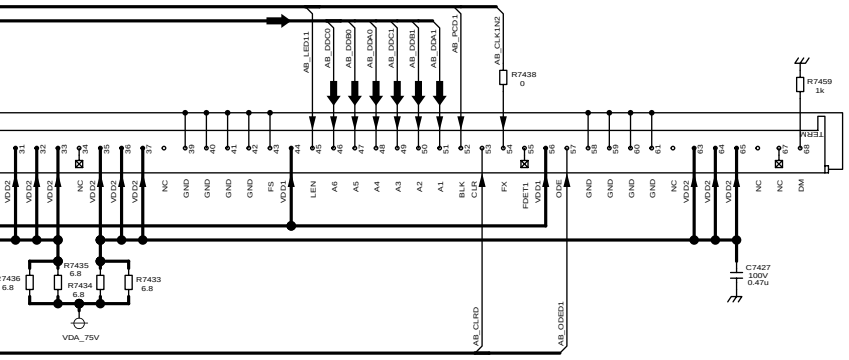
14.55. C4-Board (2 of 2) Schematic Diagram

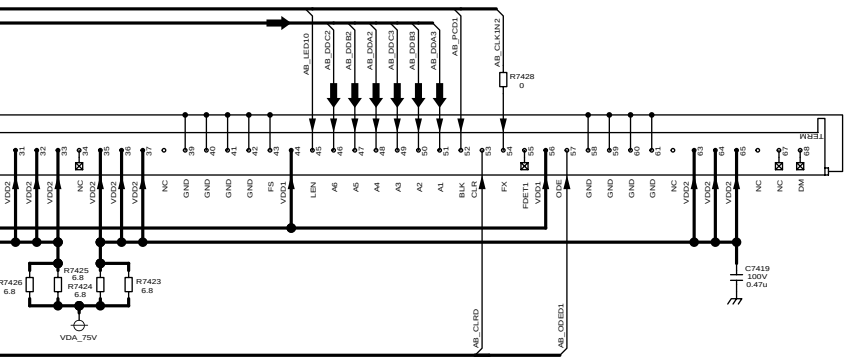


TH-50PV600E, TH-50PX600B
C4-Board (2 of 2) Schematic Diagram

8	9	10	11



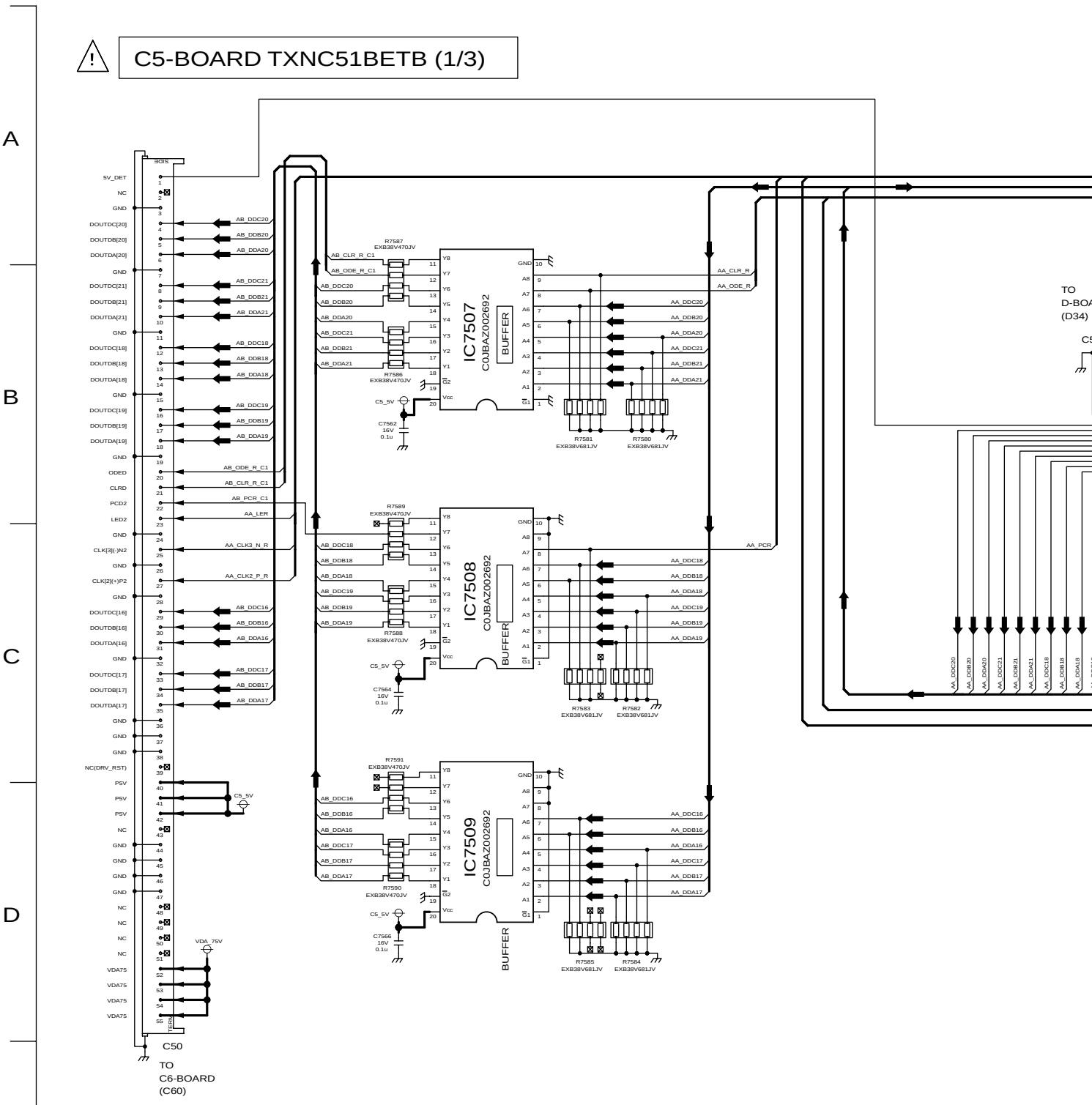




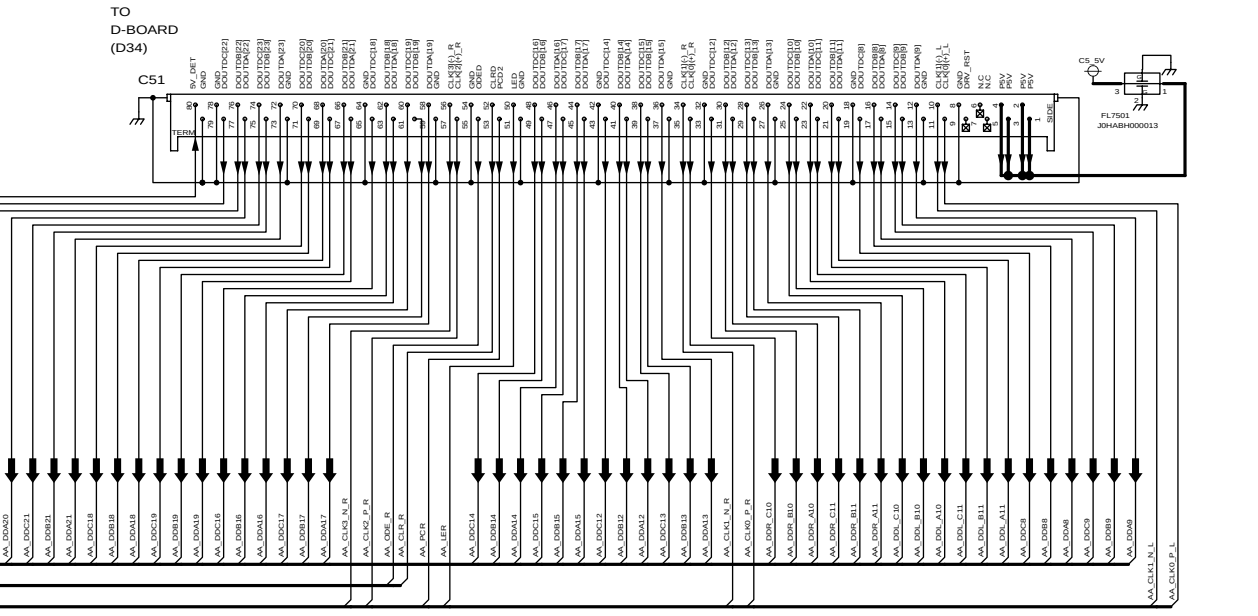
TH-50PV600E, TH-50PX600B
C4-Board (2 of 2) Schematic Diagram

12	13	14	15

14.56. C5-Board (1 of 3) Schematic Diagram



TH-50PV600E, TH-50PX600B
C5-Board (1 of 3) Schematic Diagram

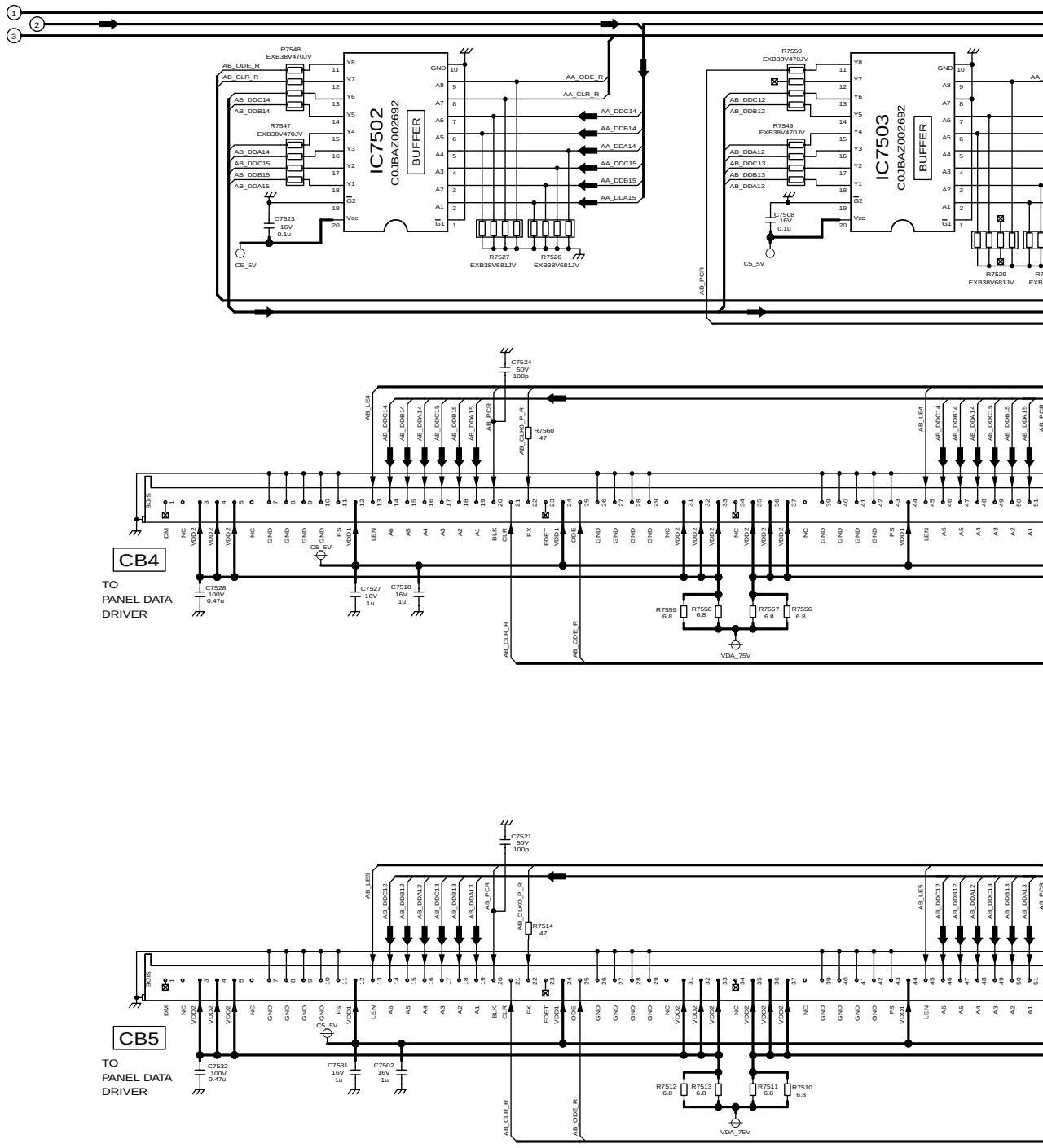


TH-50PV600E, TH-50PX600B
C5-Board (1 of 3) Schematic Diagram

5 6 7 8

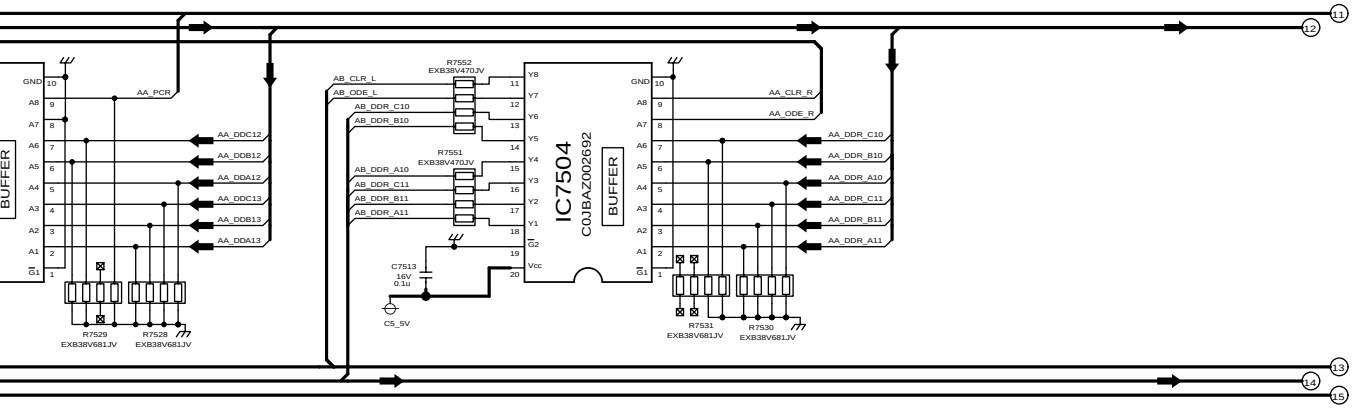
14.57. C5-Board (2 of 3) Schematic Diagram

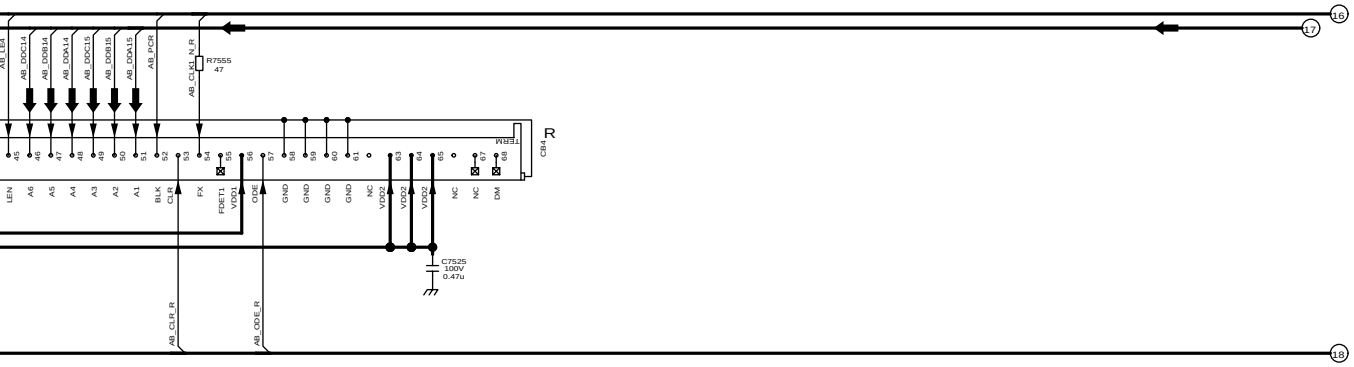
C5-BOARD TXNC51BETB (2/3)

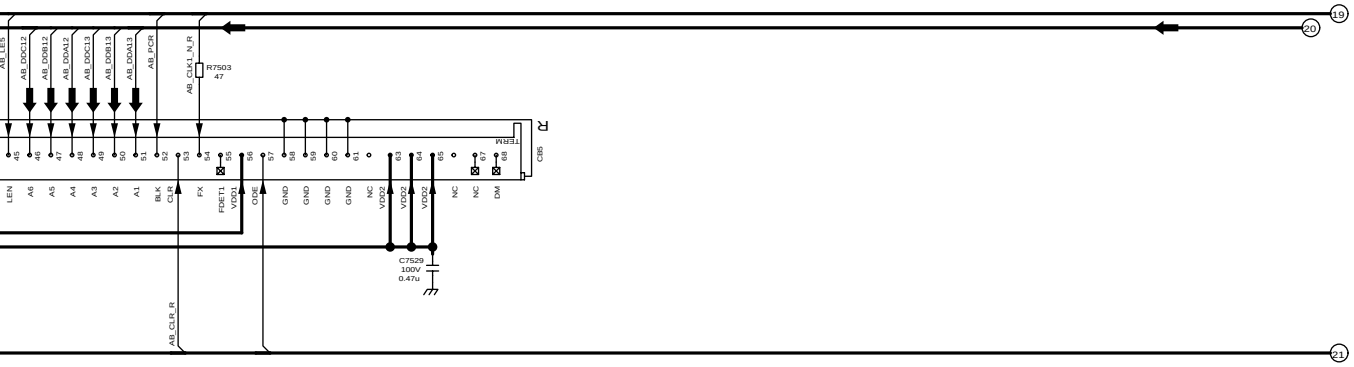


TH-50PV600E, TH-50PX600B
C5-Board (2 of 3) Schematic Diagram

8	9	10	11







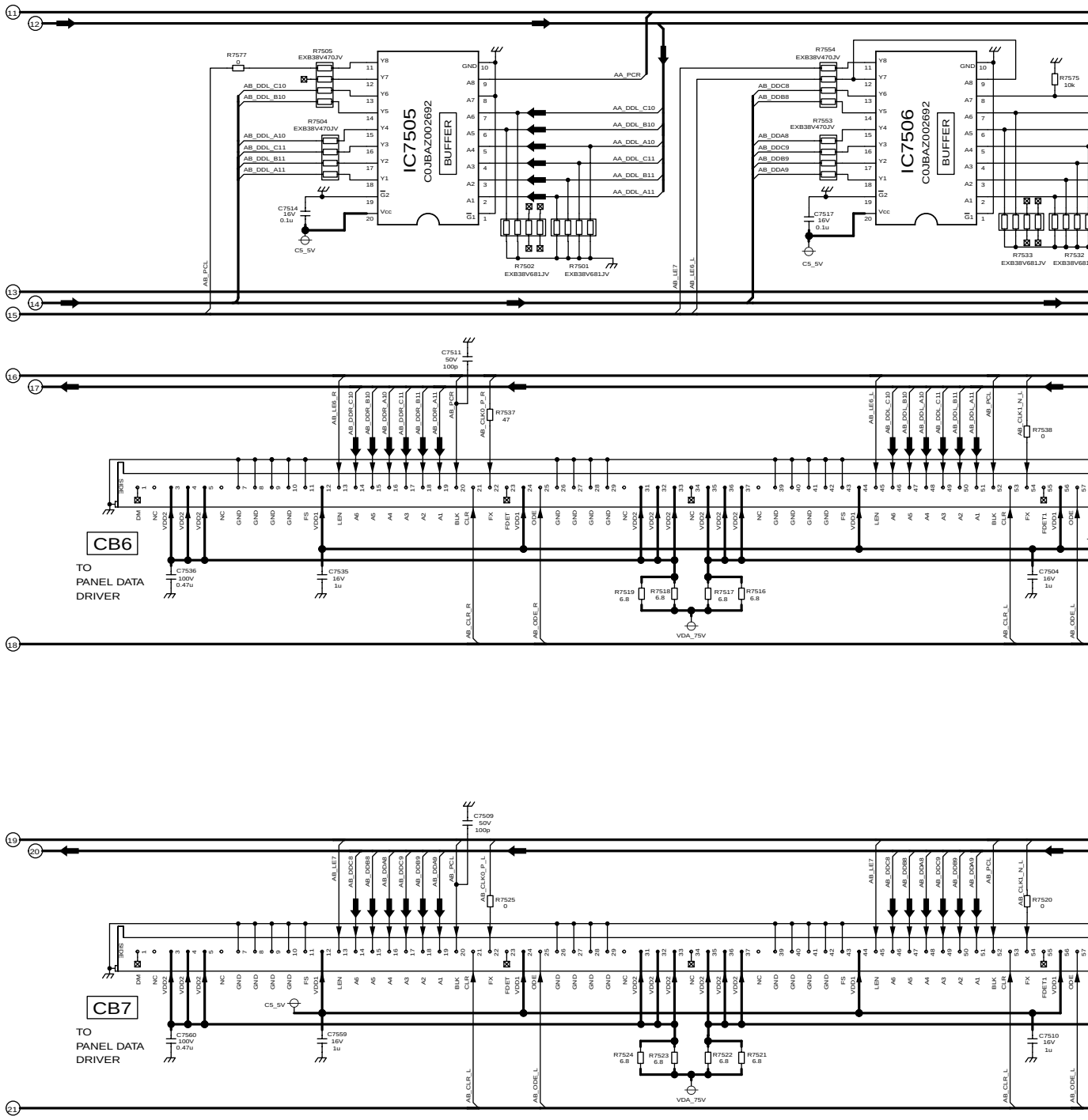
AB_ODE_R

TH-50PV600E, TH-50PX600B
C5-Board (2 of 3) Schematic Diagram

12 13 14 15

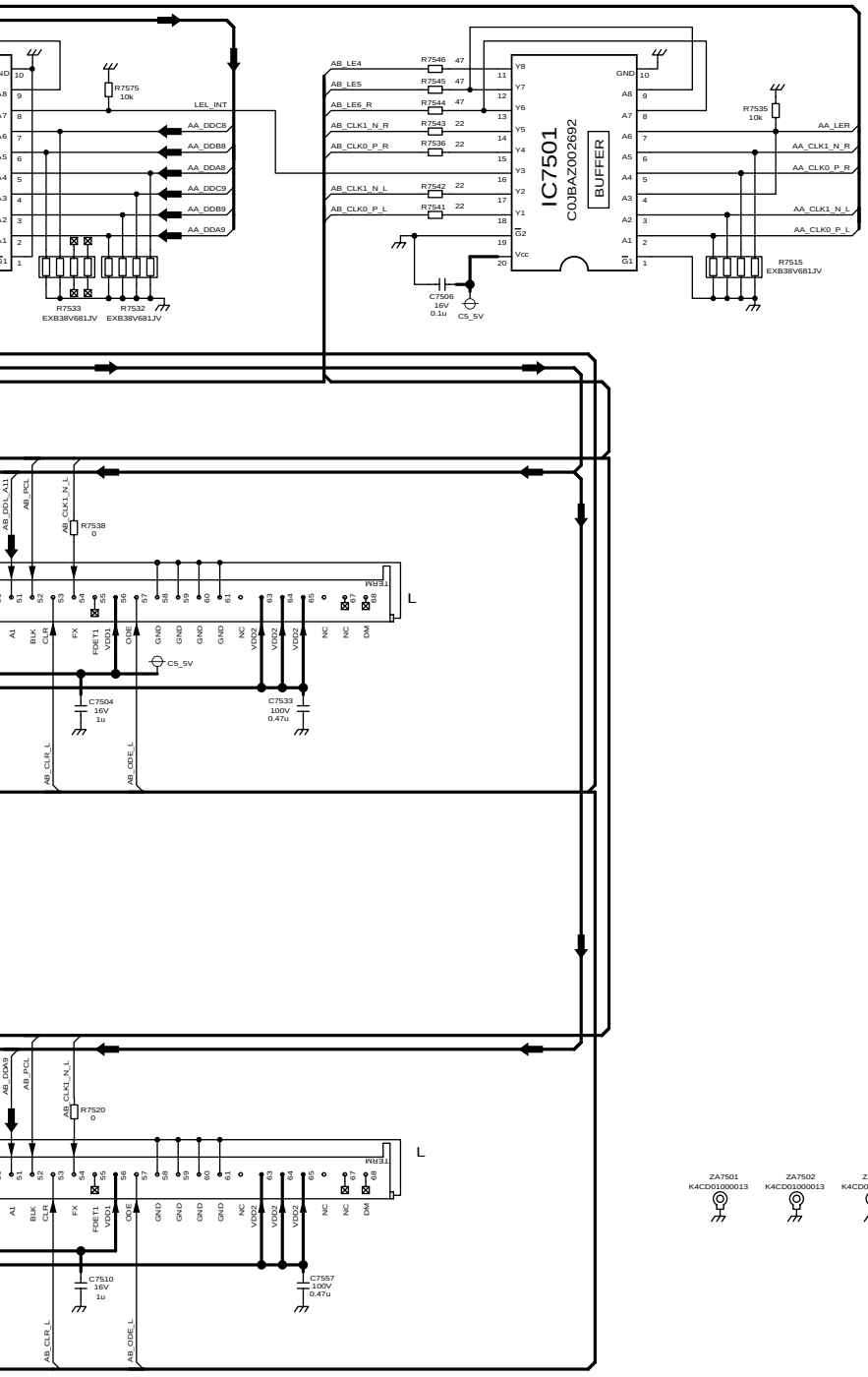
14.58. C5-Board (3 of 3) Schematic Diagram

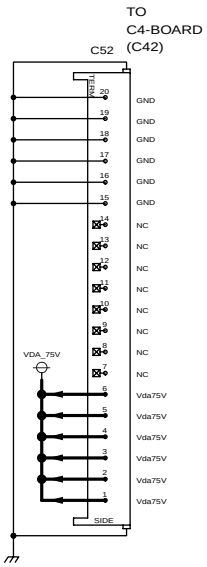
C5-BOARD TXNC51BETB (3/3)



TH-50PV600E, TH-50PX600B
C5-Board (3 of 3) Schematic Diagram

16	17	18	19





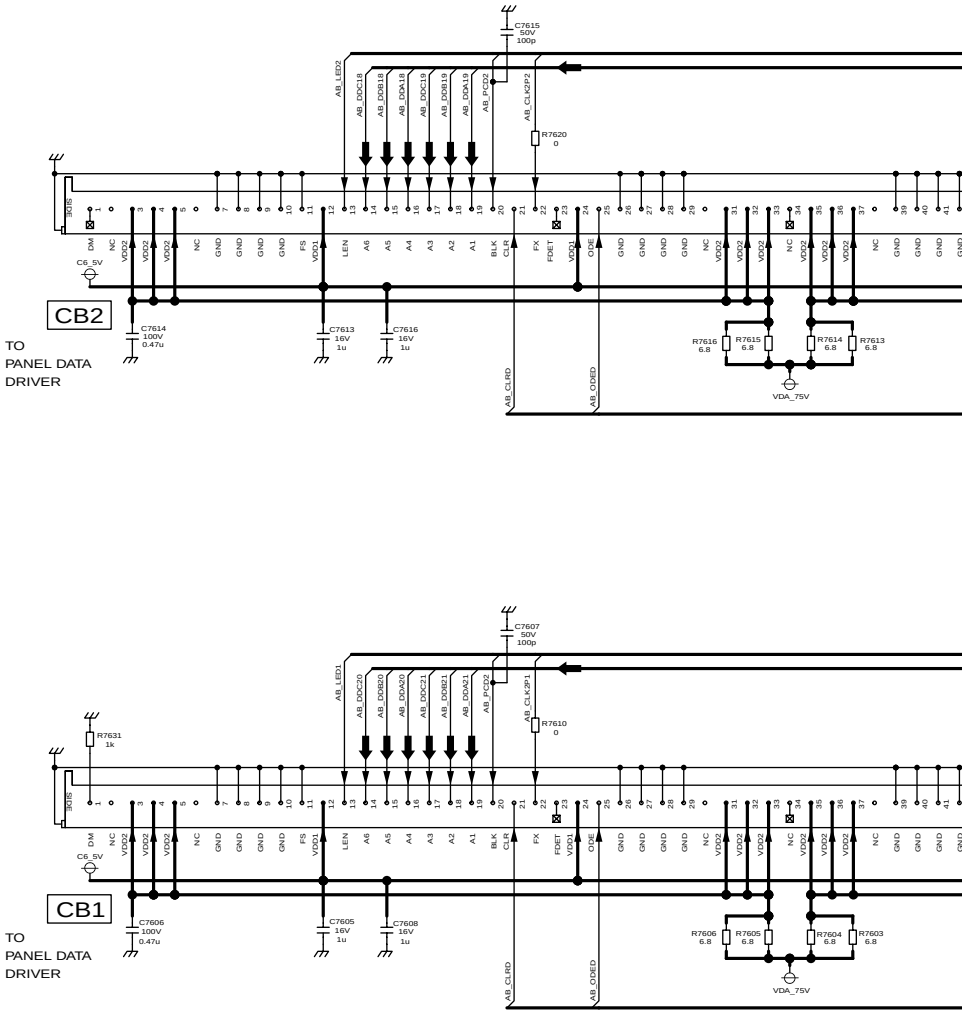


TH-50PV600E, TH-50PX600B
C5-Board (3 of 3) Schematic Diagram

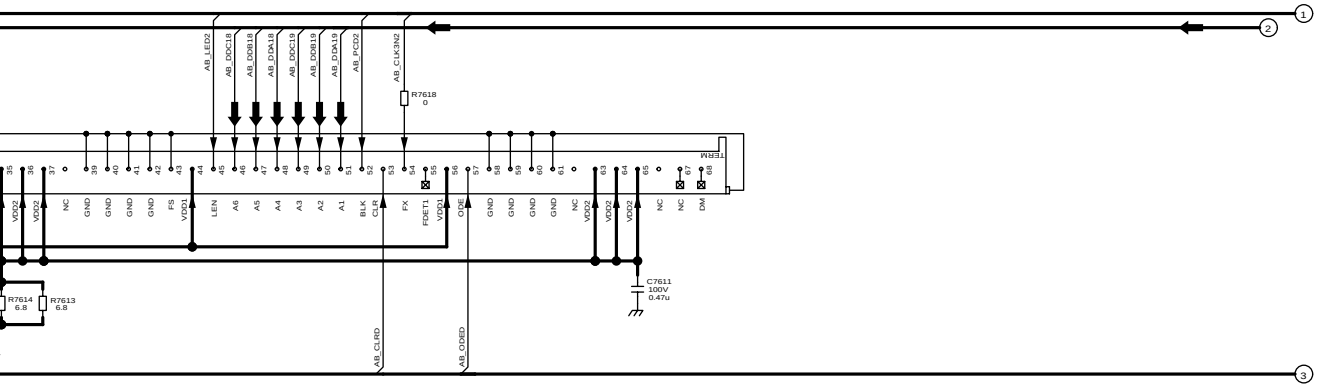
20	21	22	23

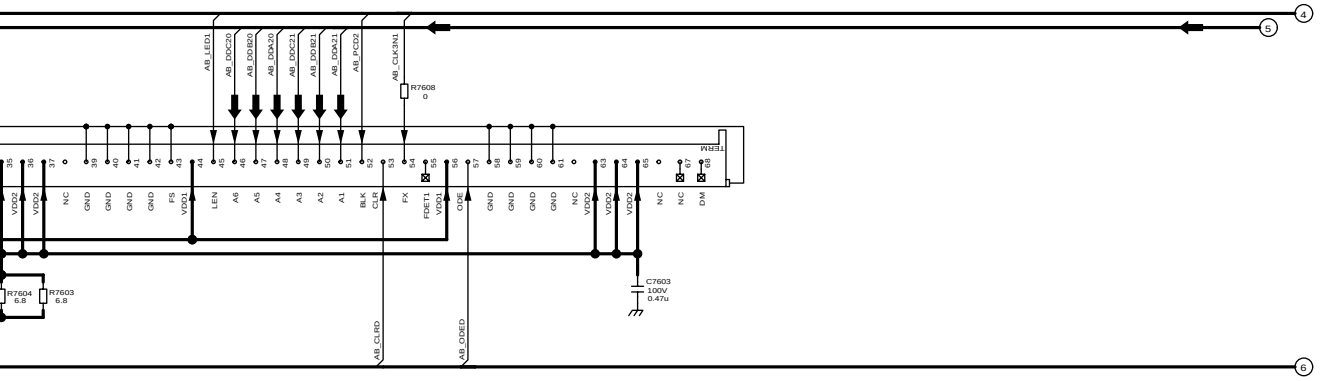
14.59. C6-Board (1 of 2) Schematic Diagram

C6-BOARD TXNC61BETB (1/2)



TH-50PV600E, TH-50PX600B
C6-Board (1 of 2) Schematic Diagram



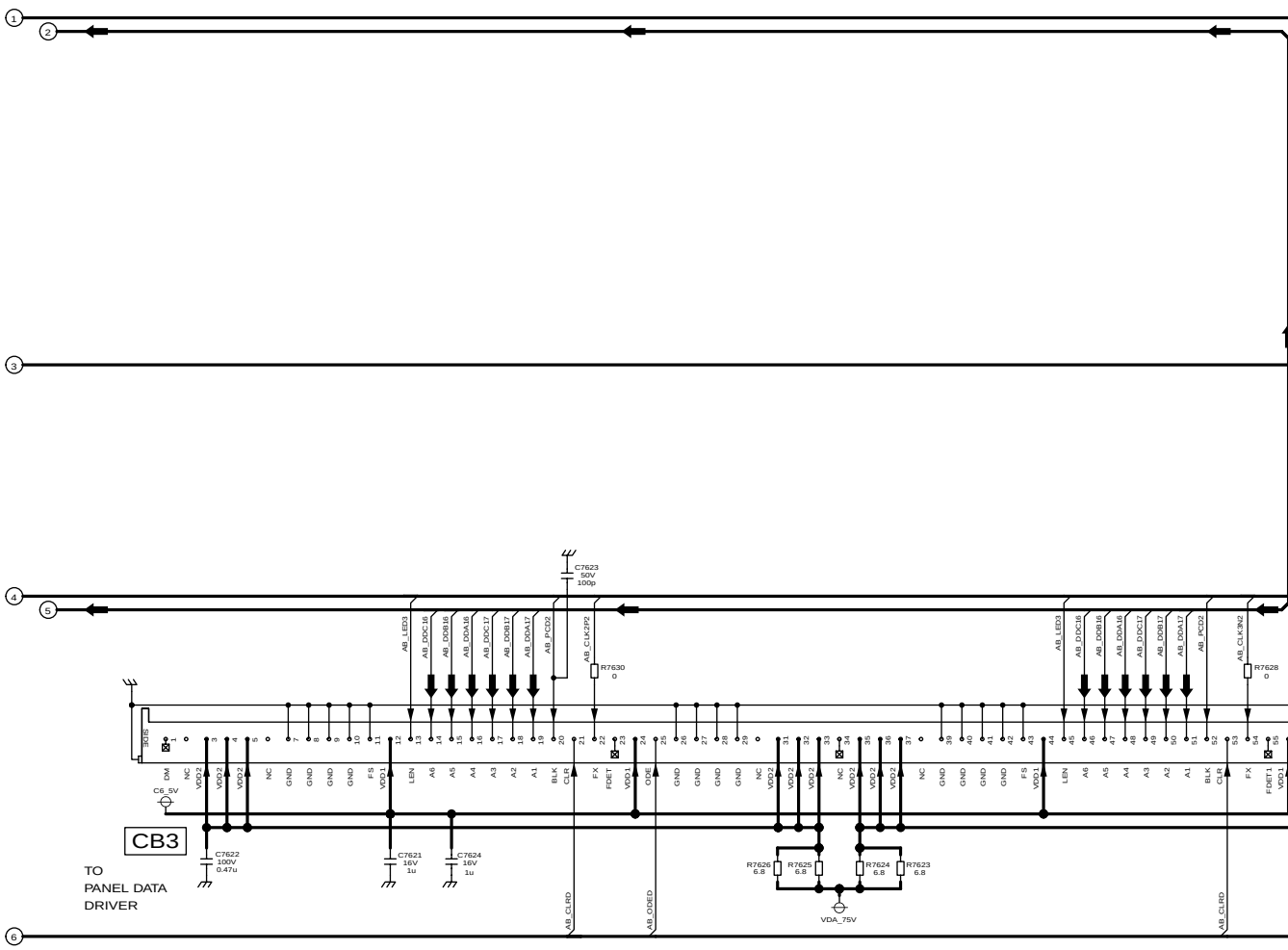


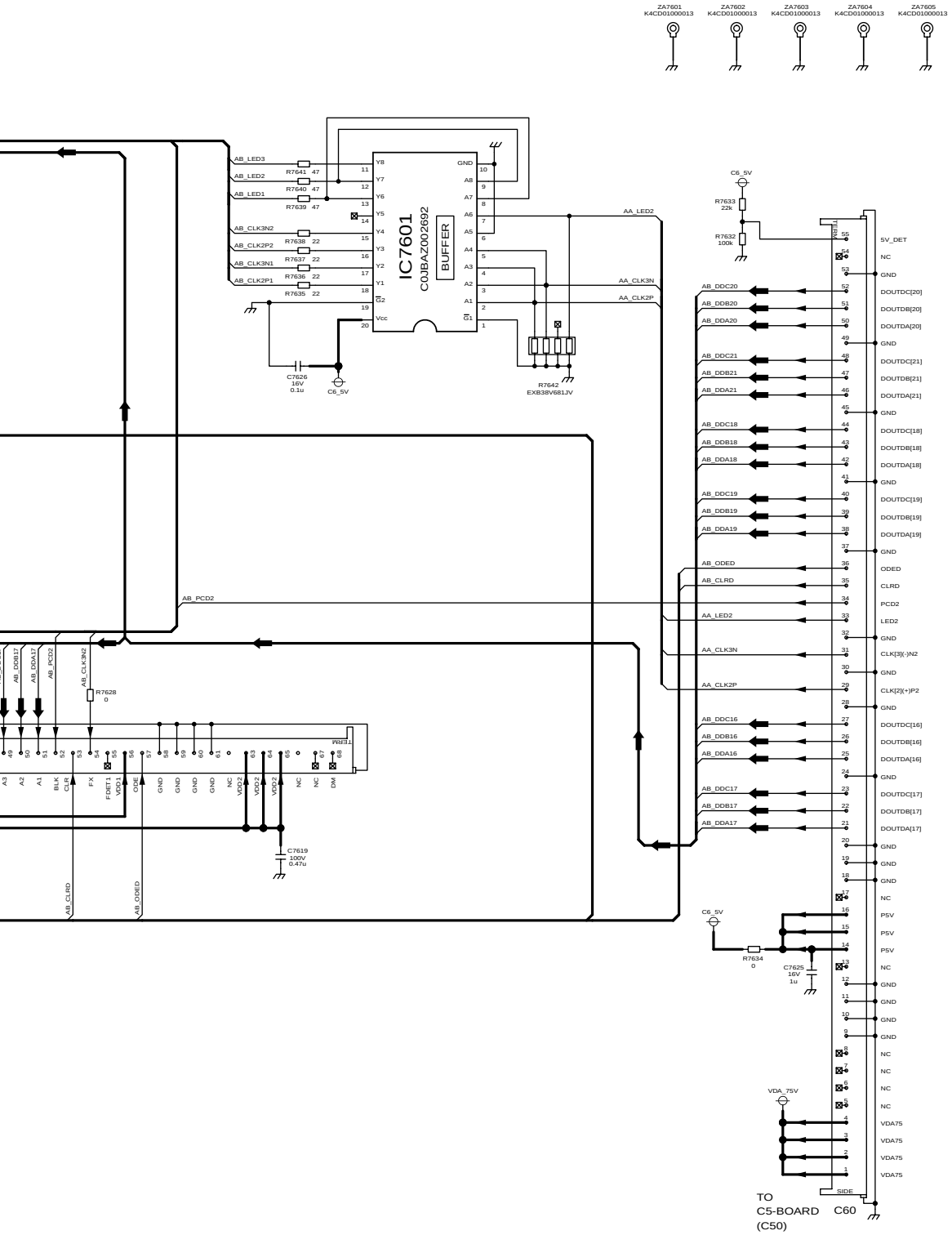
TH-50PV600E, TH-50PX600B
C6-Board (1 of 2) Schematic Diagram

4 5 6 7 8

14.60. C6-Board (2 of 2) Schematic Diagram

C6-BOARD TXNC61BETB (2/2)

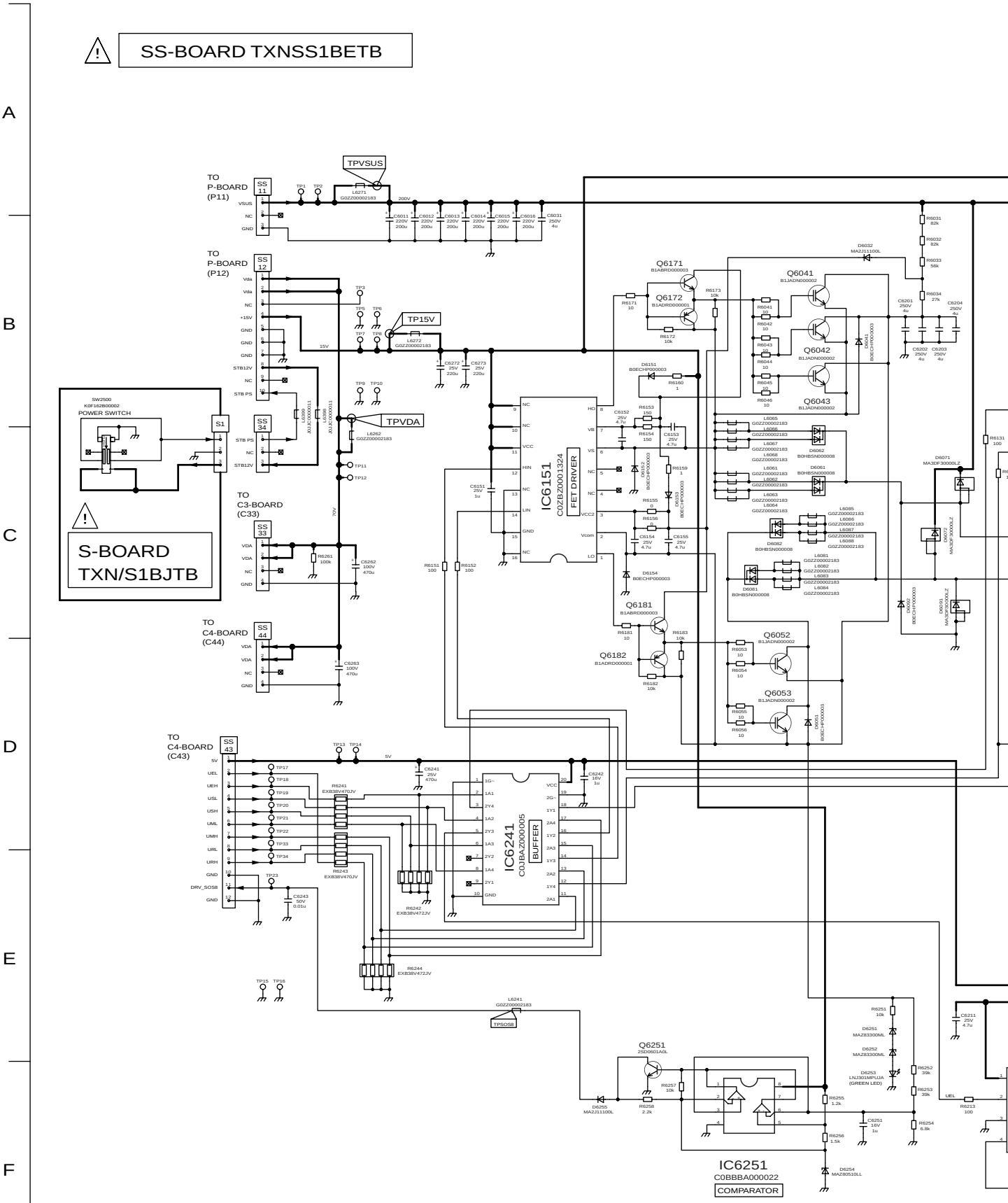




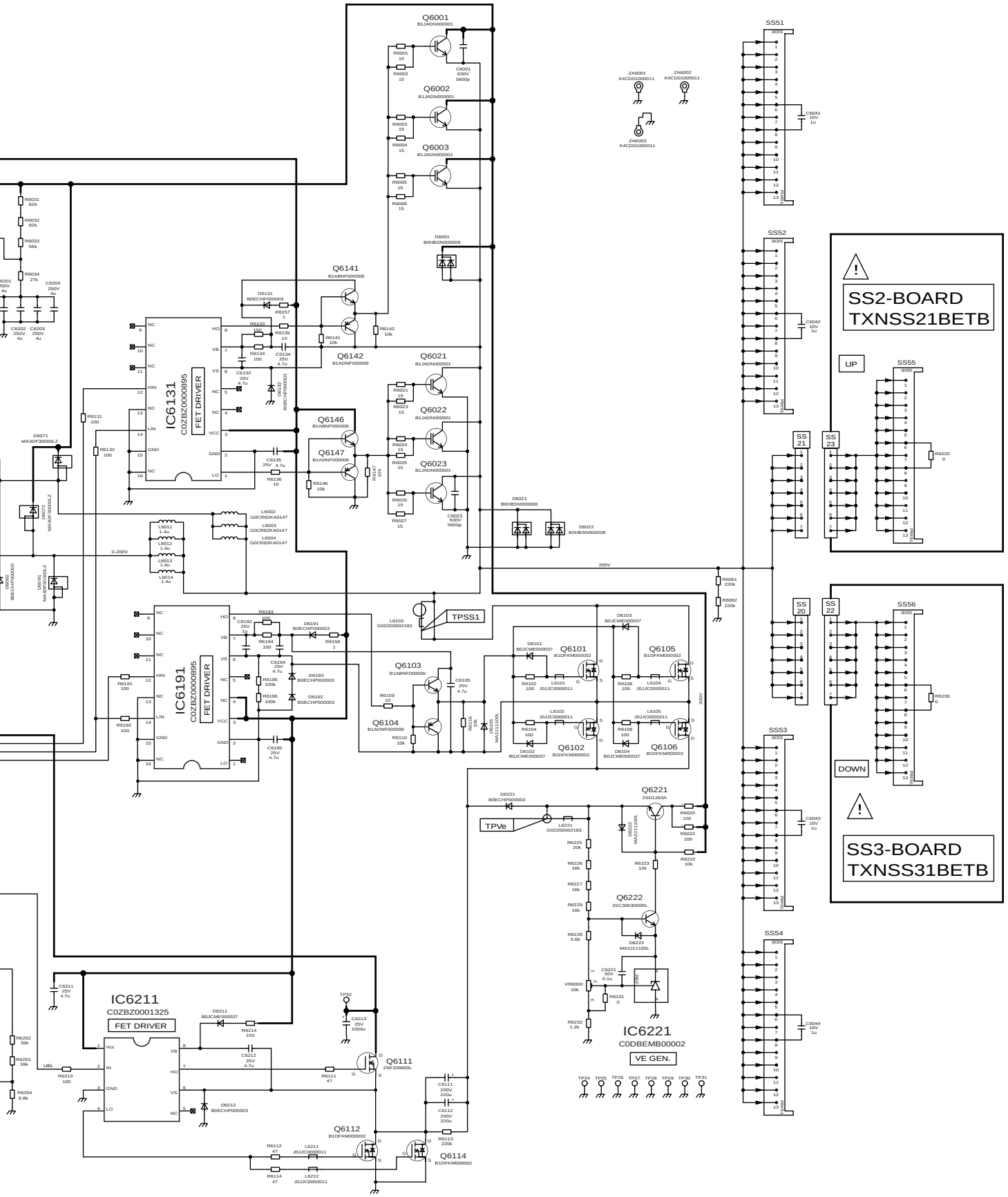
TH-50PV600E, TH-50PX600B
C6-Board (2 of 2) Schematic Diagram

12 13 14 15

14.61. SS, S, SS2 and SS3-Board Schematic Diagram



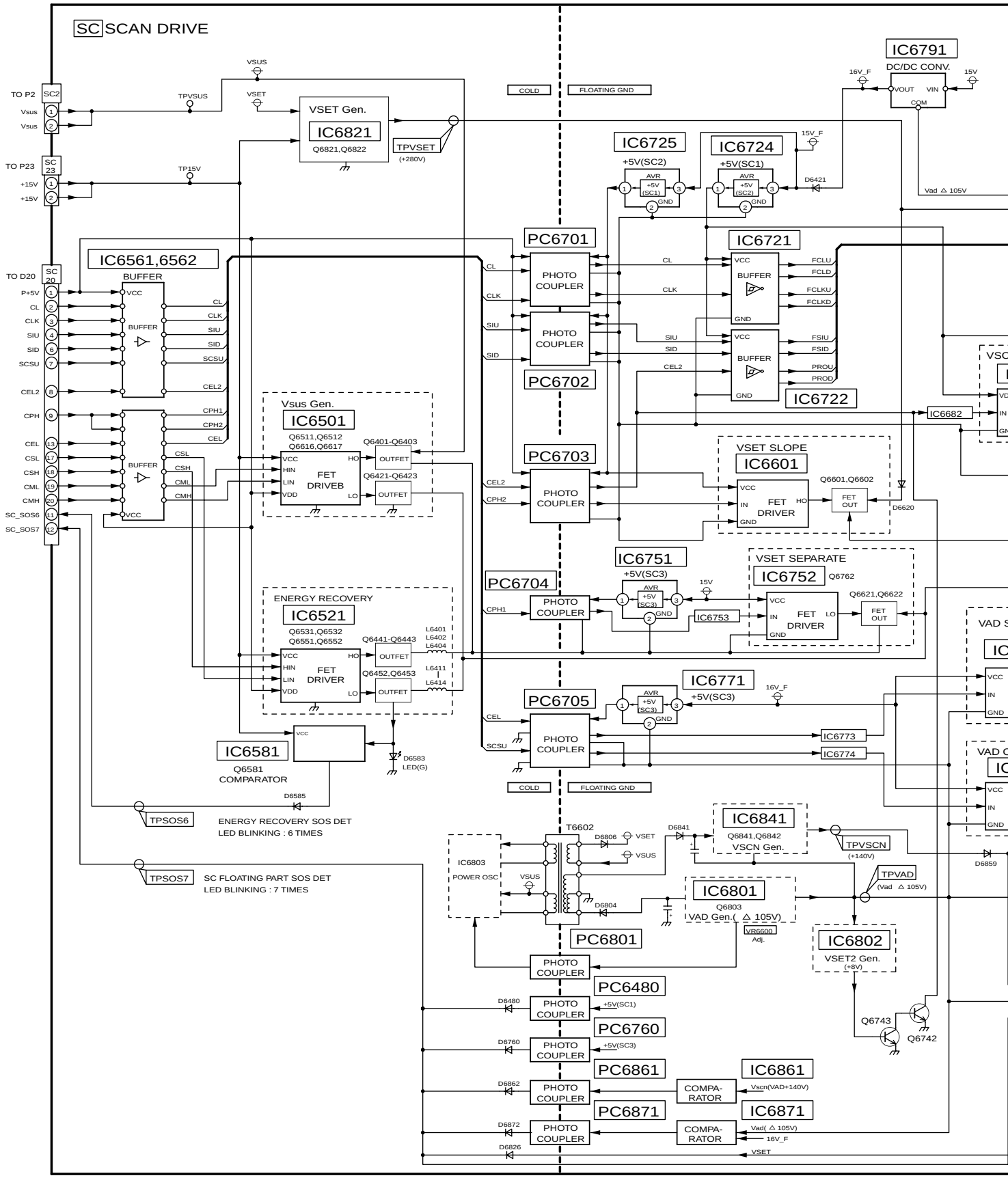
TH-50PV600E, TH-50PX600B
SS, S, SS2 and SS3-Board Schematic Diagram



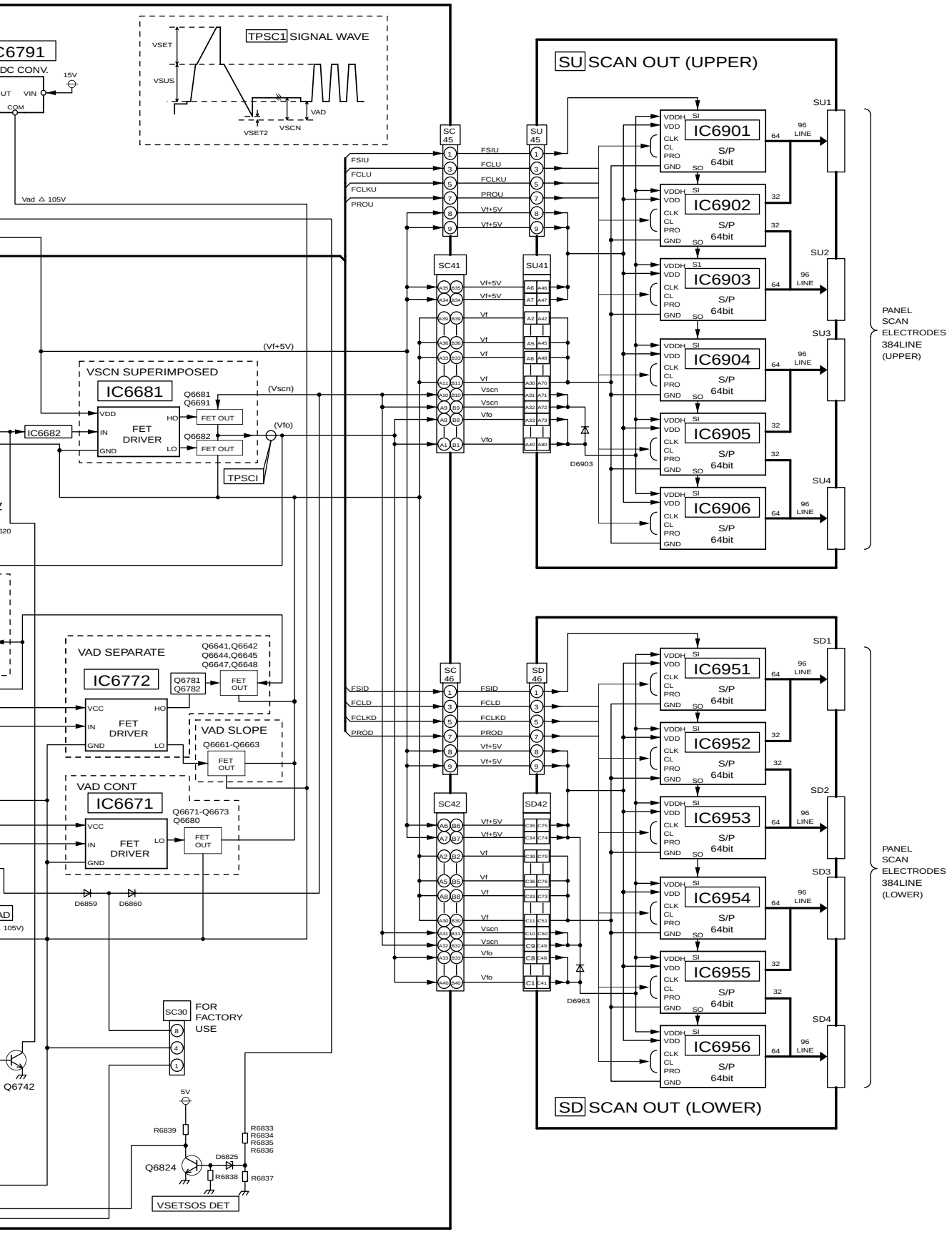
TH-50PV600E, TH-50PX600B
SS, S, SS2 and SS3-Board Schematic Diagram

5 6 7 8 9

14.62. SC, SU and SD-Board Block Diagram

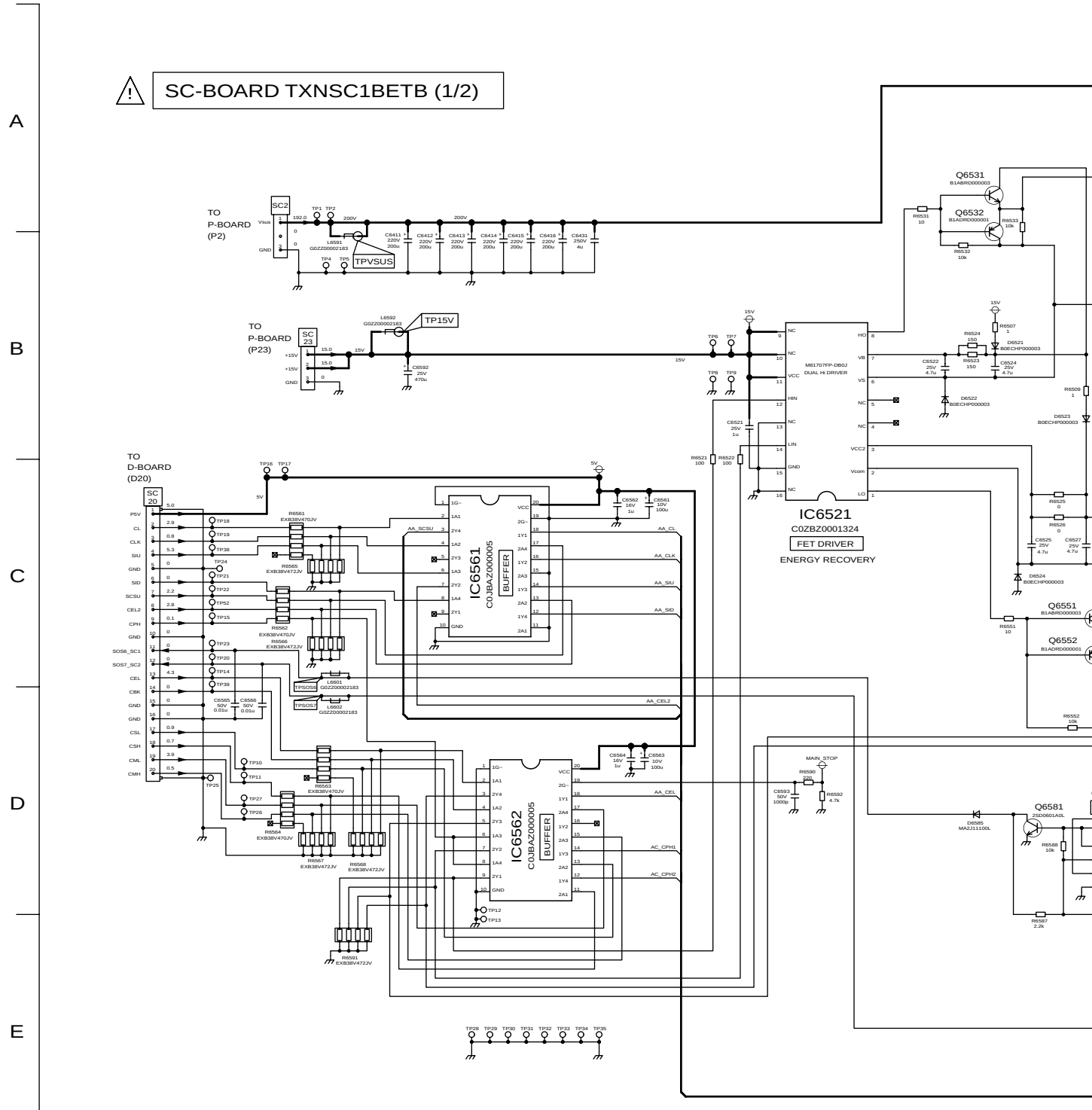


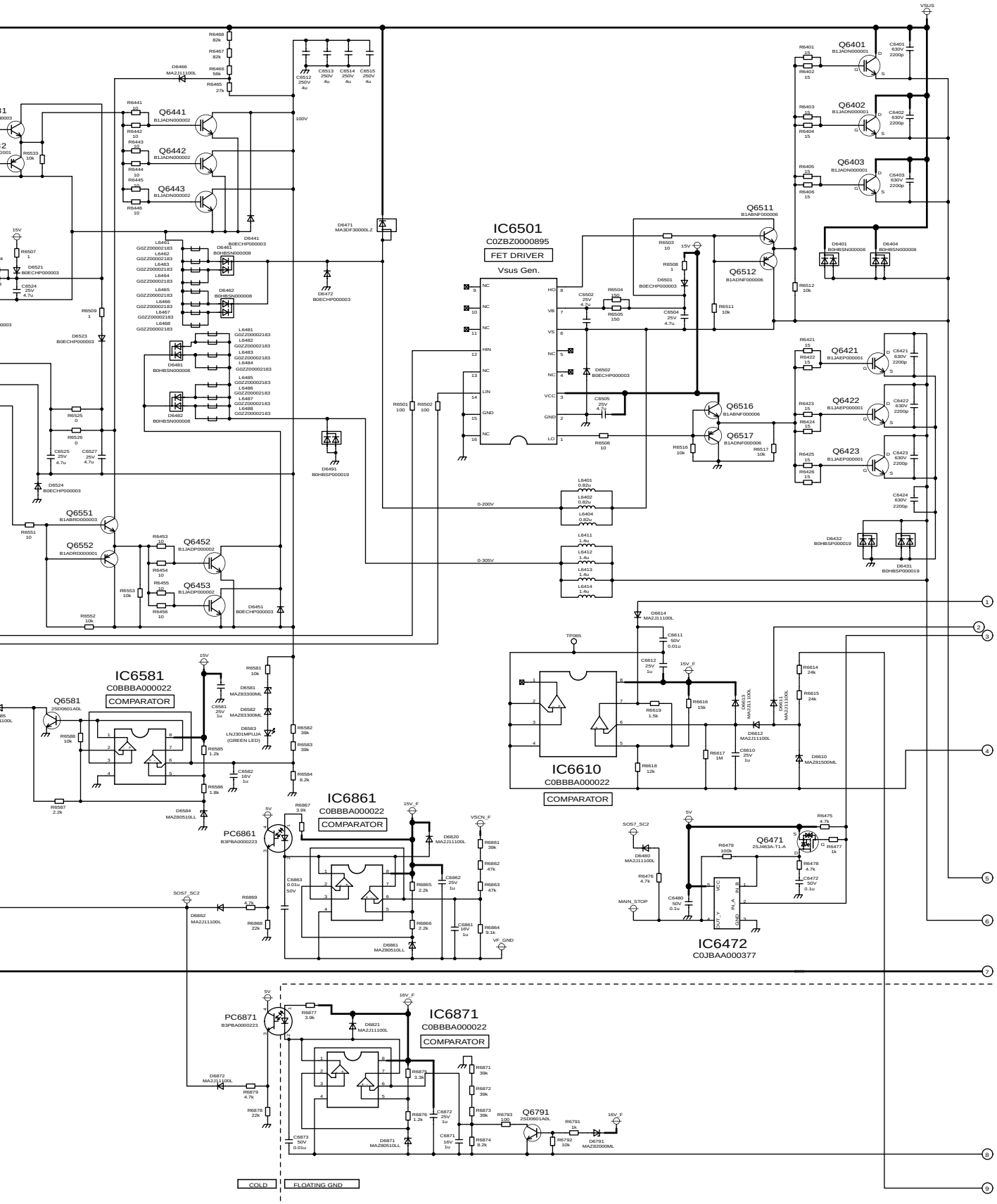
TH-50PV600E, TH-50PX600B
SC, SU and SD-Board Block Diagram



TH-50PV600E, TH-50PX600B
SC, SU and SD-Board Block Diagram

14.63. SC-Board (1 of 2) Schematic Diagram

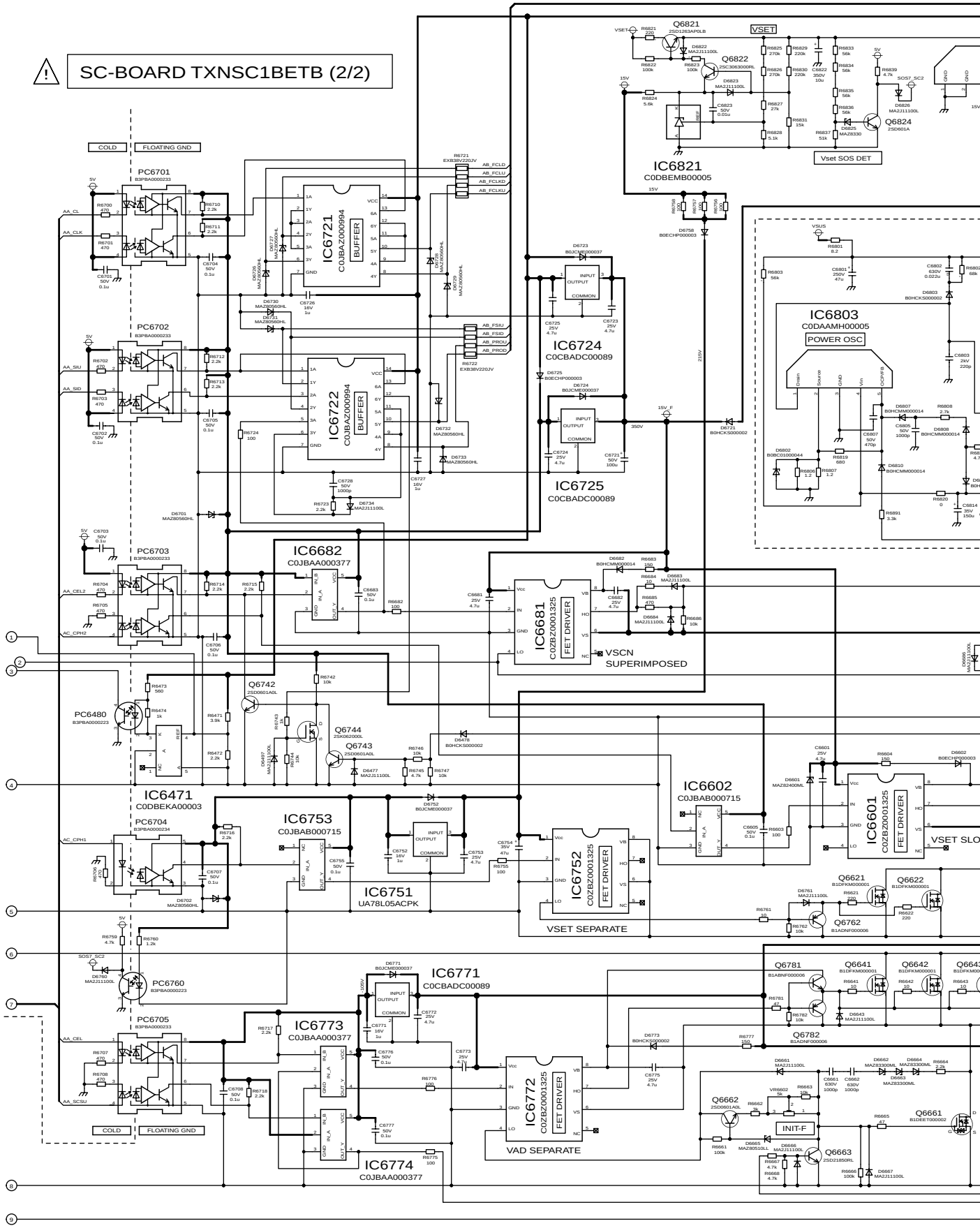




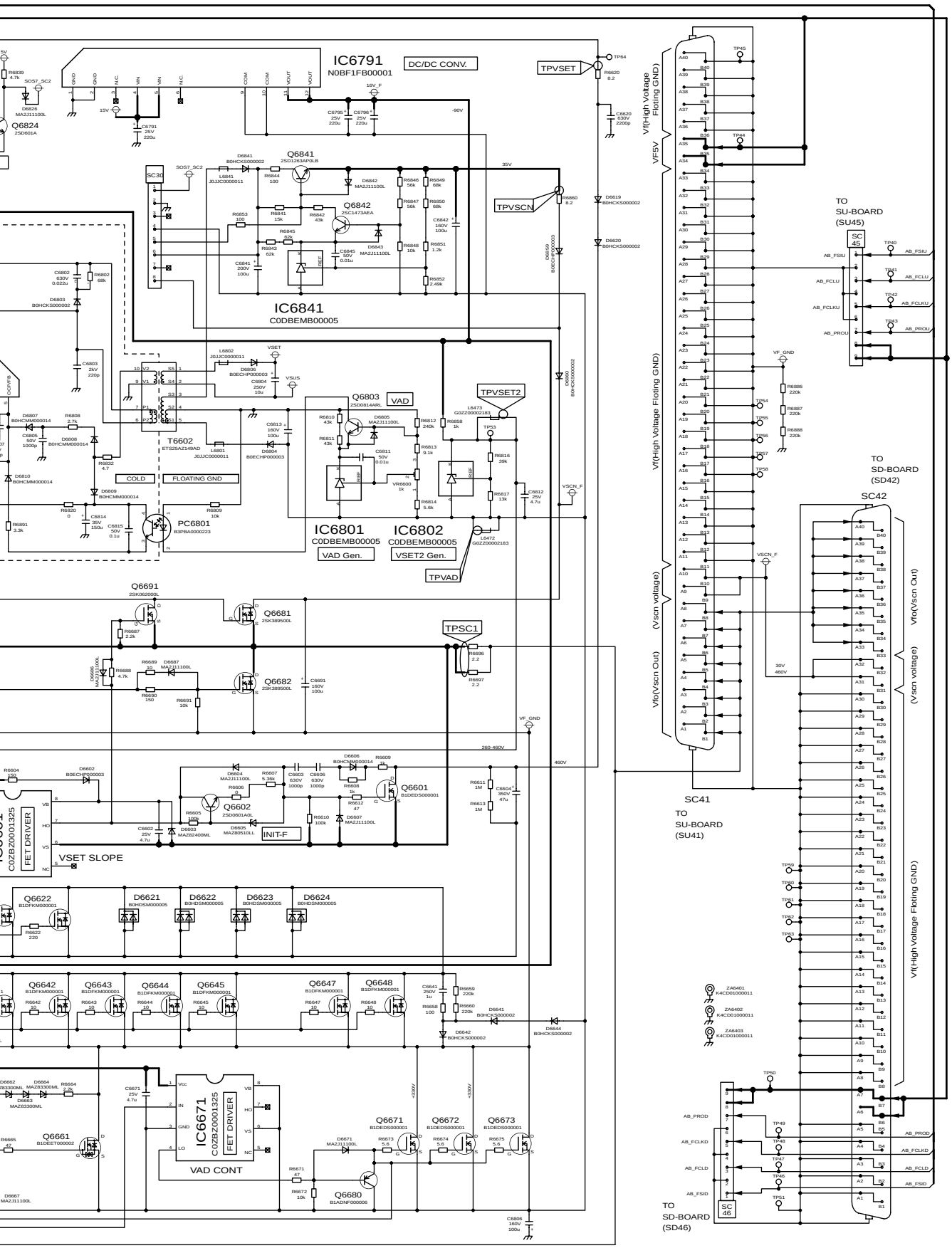
TH-50PV600E, TH-50PX600B SC-Board (1 of 2) Schematic Diagram

5 6 7 8 9

14.64. SC-Board (2 of 2) Schematic Diagram



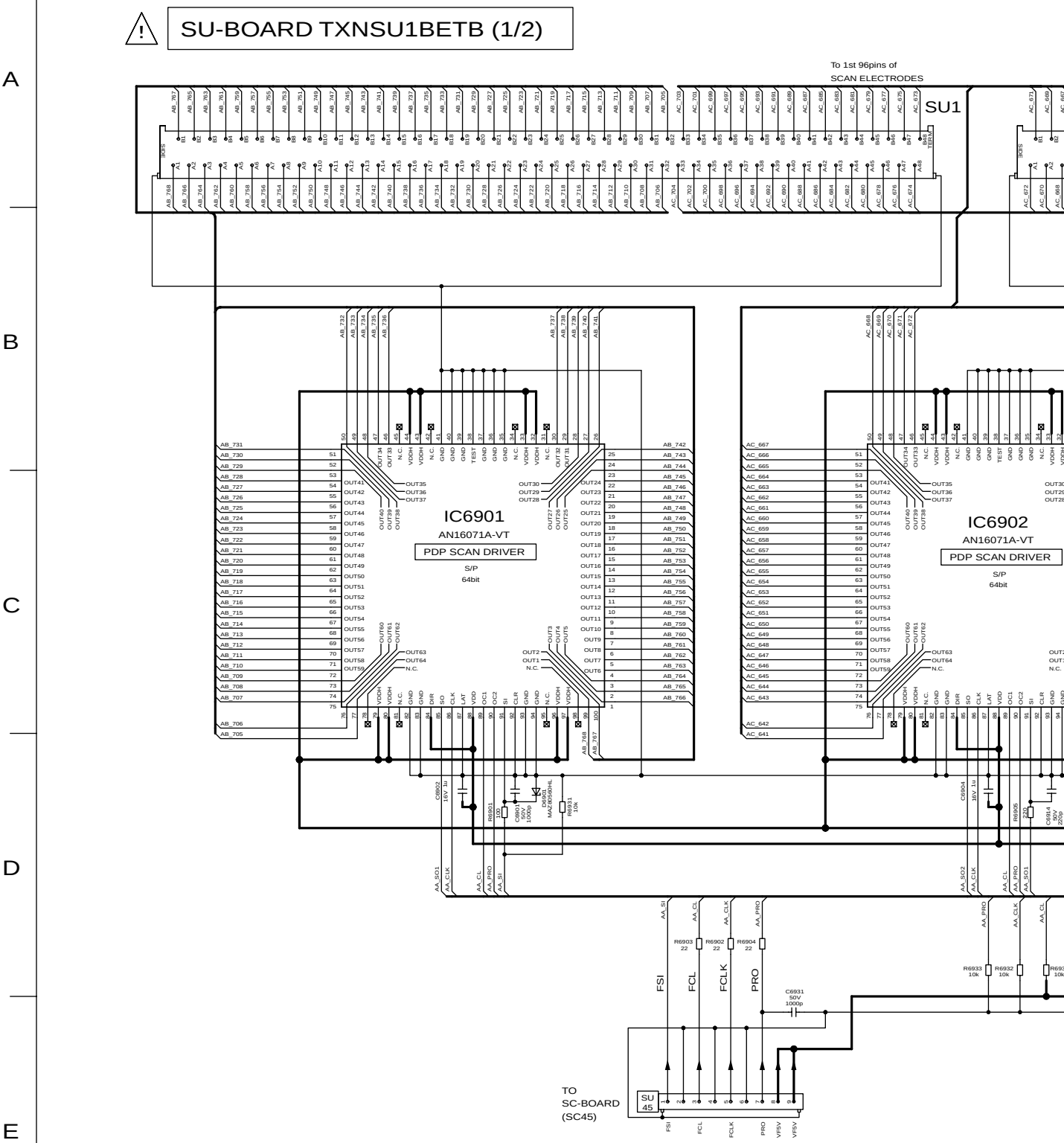
TH-50PV600E, TH-50PX600B SC-Board (2 of 2) Schematic Diagram



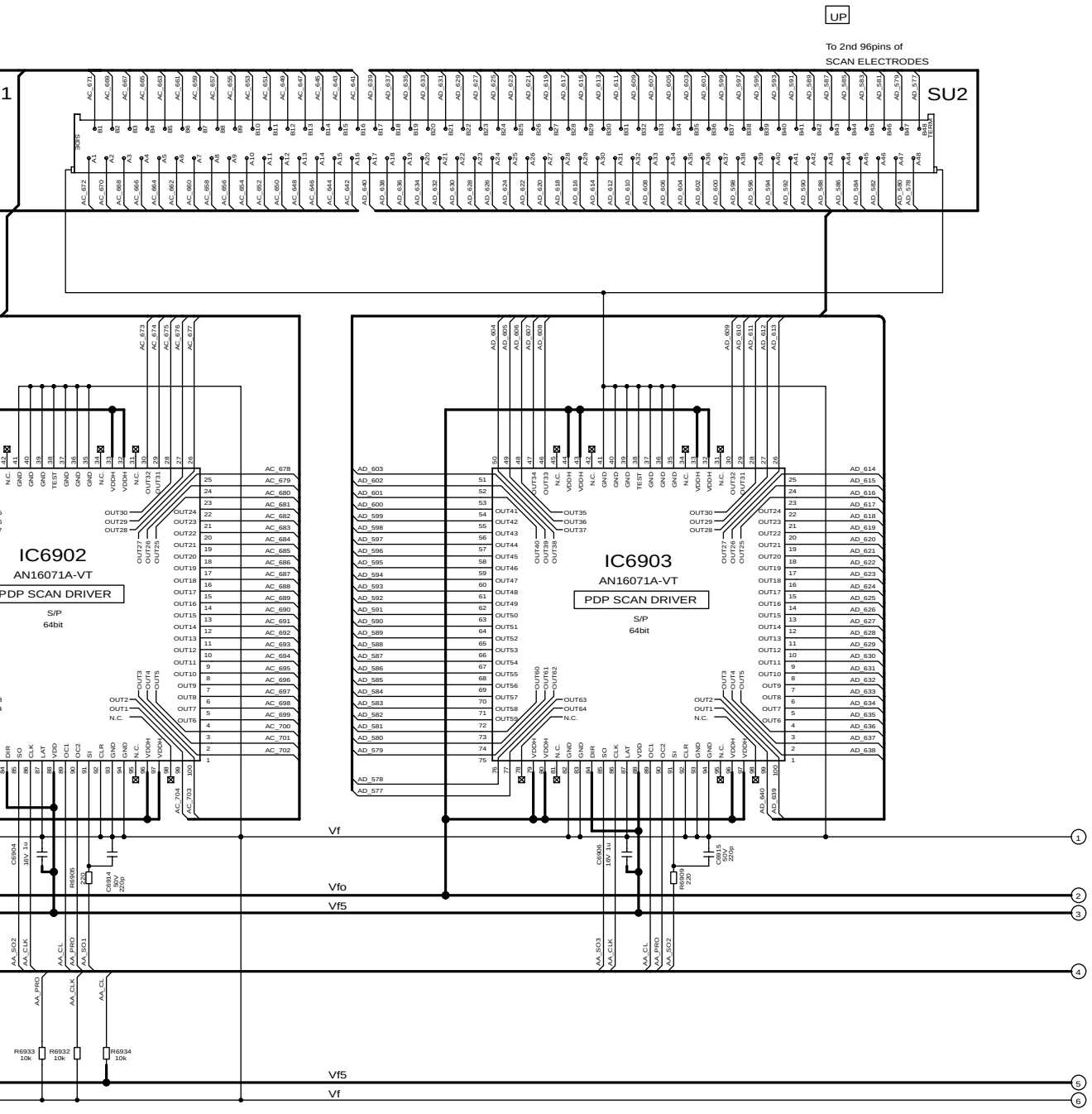
TH-50PV600E, TH-50PX600B SC-Board (2 of 2) Schematic Diagram

14 15 16 17 18

14.65. SU-Board (1 of 2) Schematic Diagram

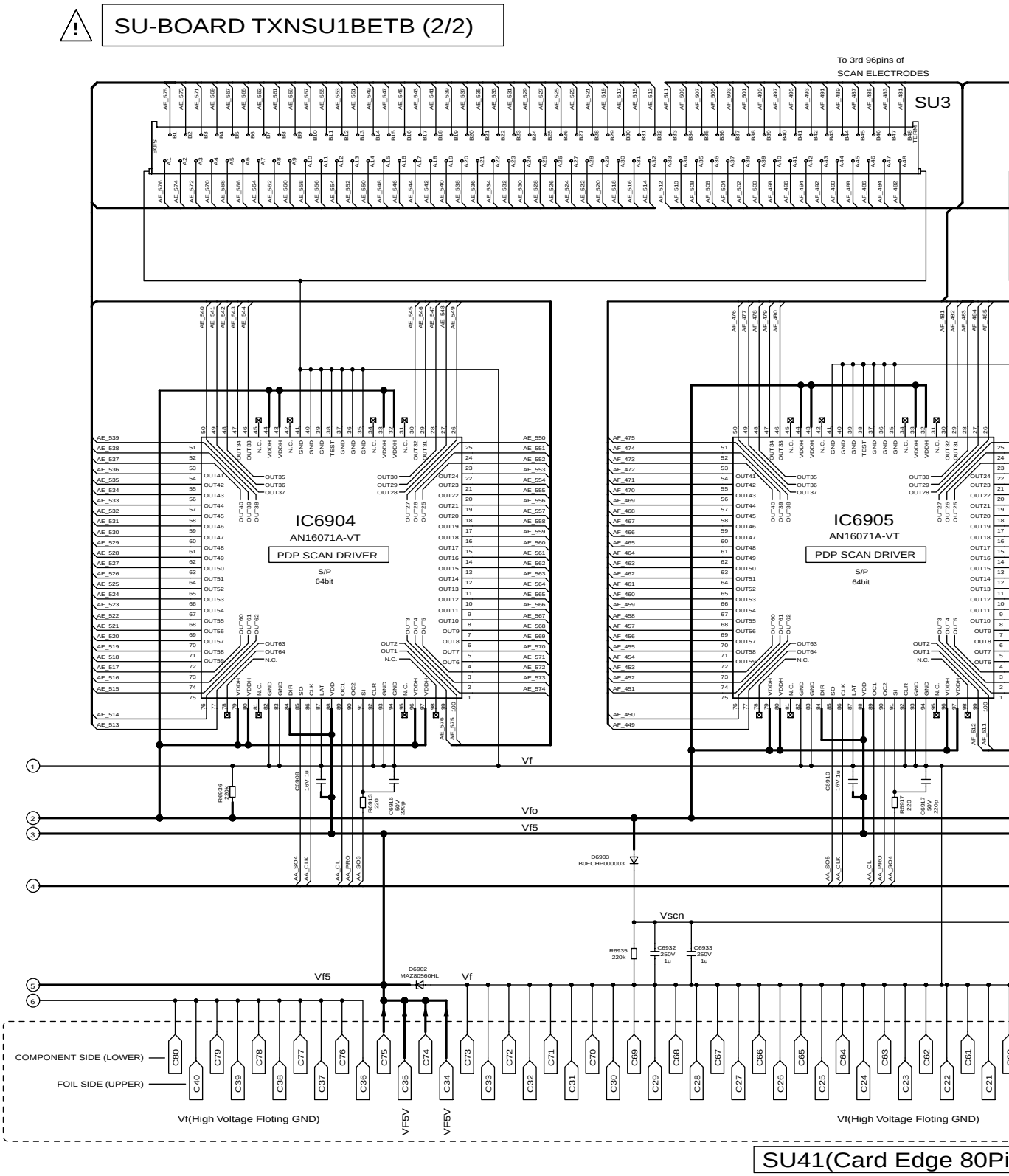


TH-50PV600E, TH-50PX600B
SU-Board (1 of 2) Schematic Diagram



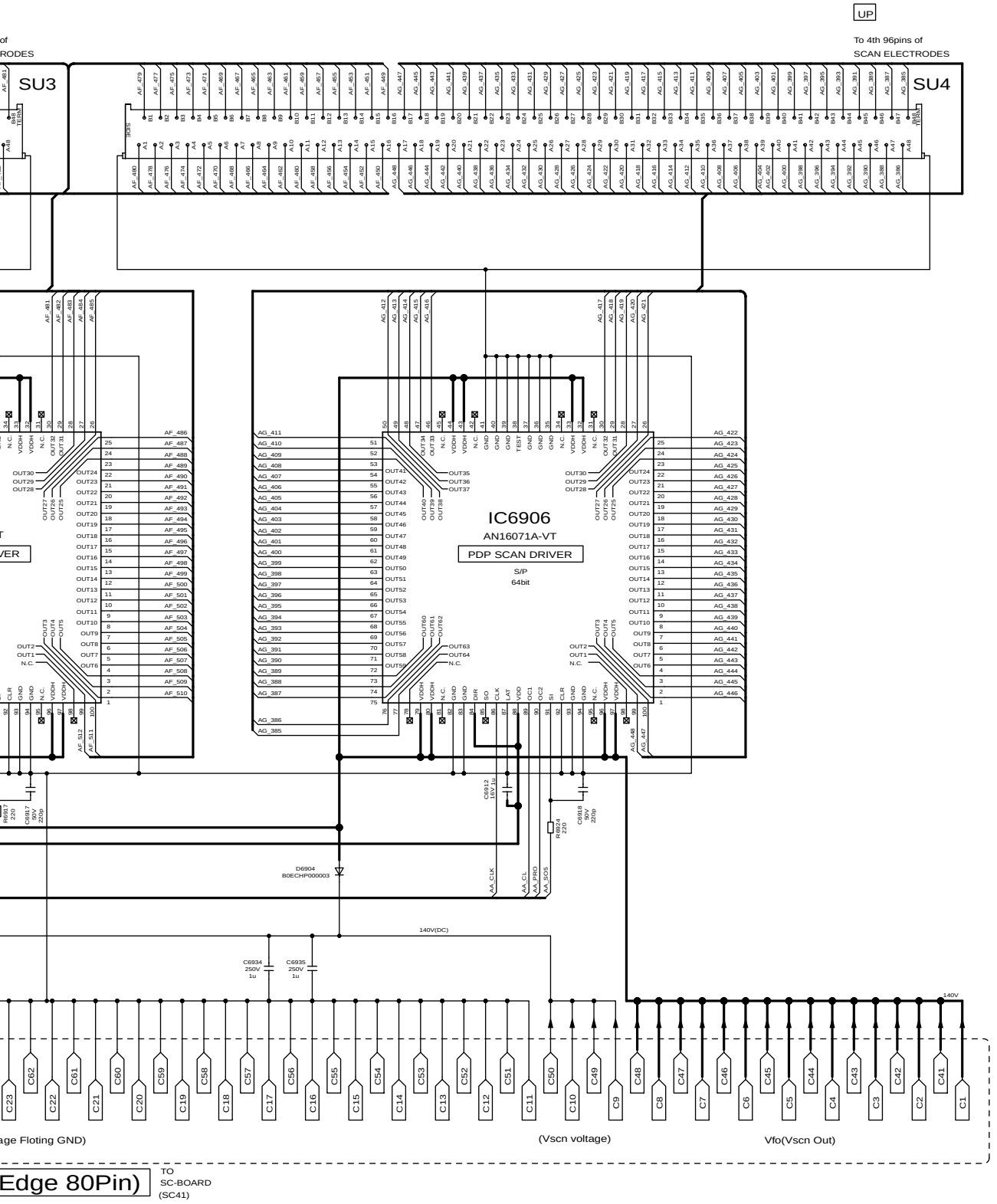
TH-50PV600E, TH-50PX600B
SU-Board (1 of 2) Schematic Diagram

14.66. SU-Board (2 of 2) Schematic Diagram



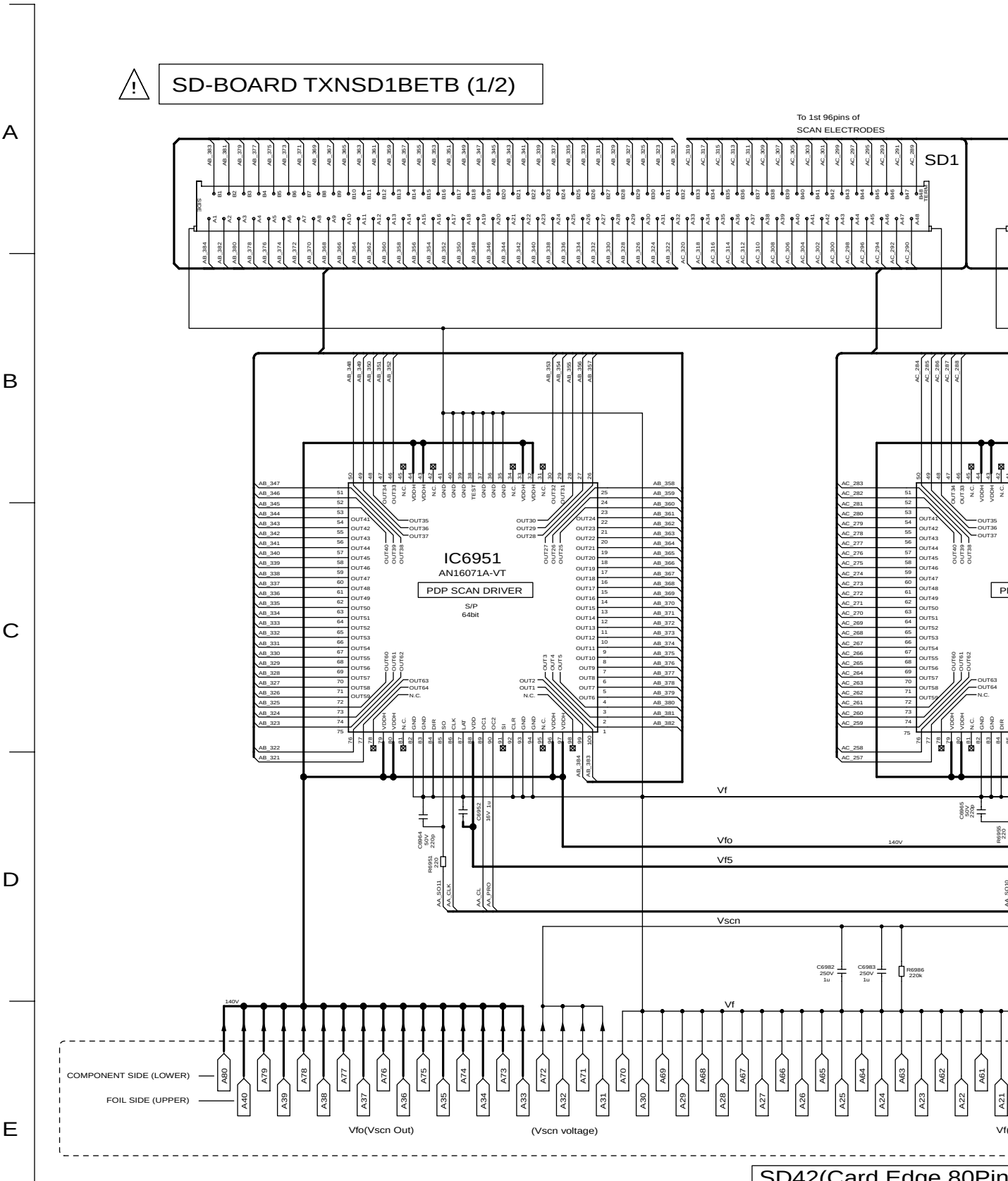
TH-50PV600E, TH-50PX600B
SU-Board (2 of 2) Schematic Diagram

8 | 9 | 10 | 11 | 12

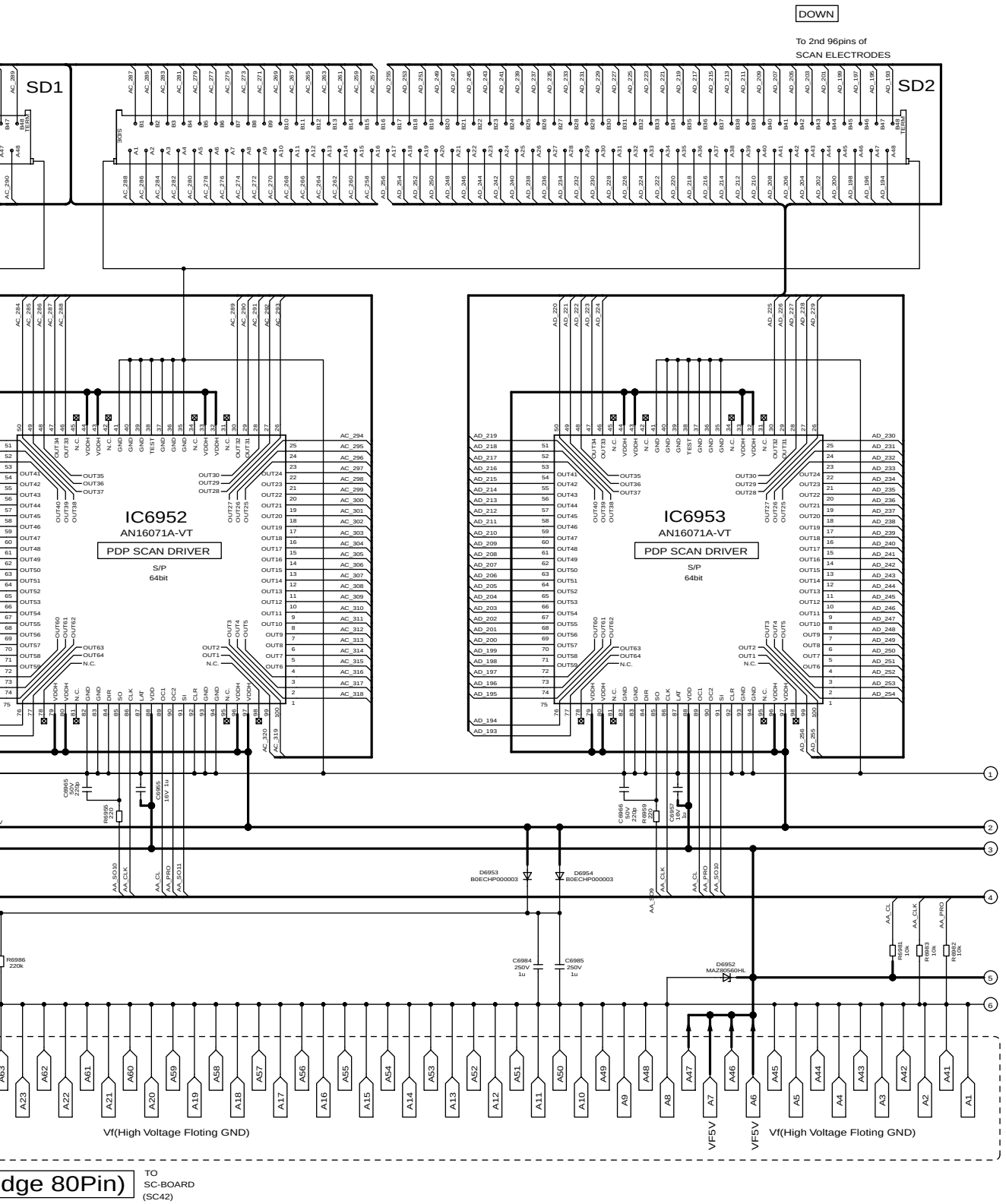


TH-50PV600E, TH-50PX600B
SU-Board (2 of 2) Schematic Diagram

14.67. SD-Board (1 of 2) Schematic Diagram



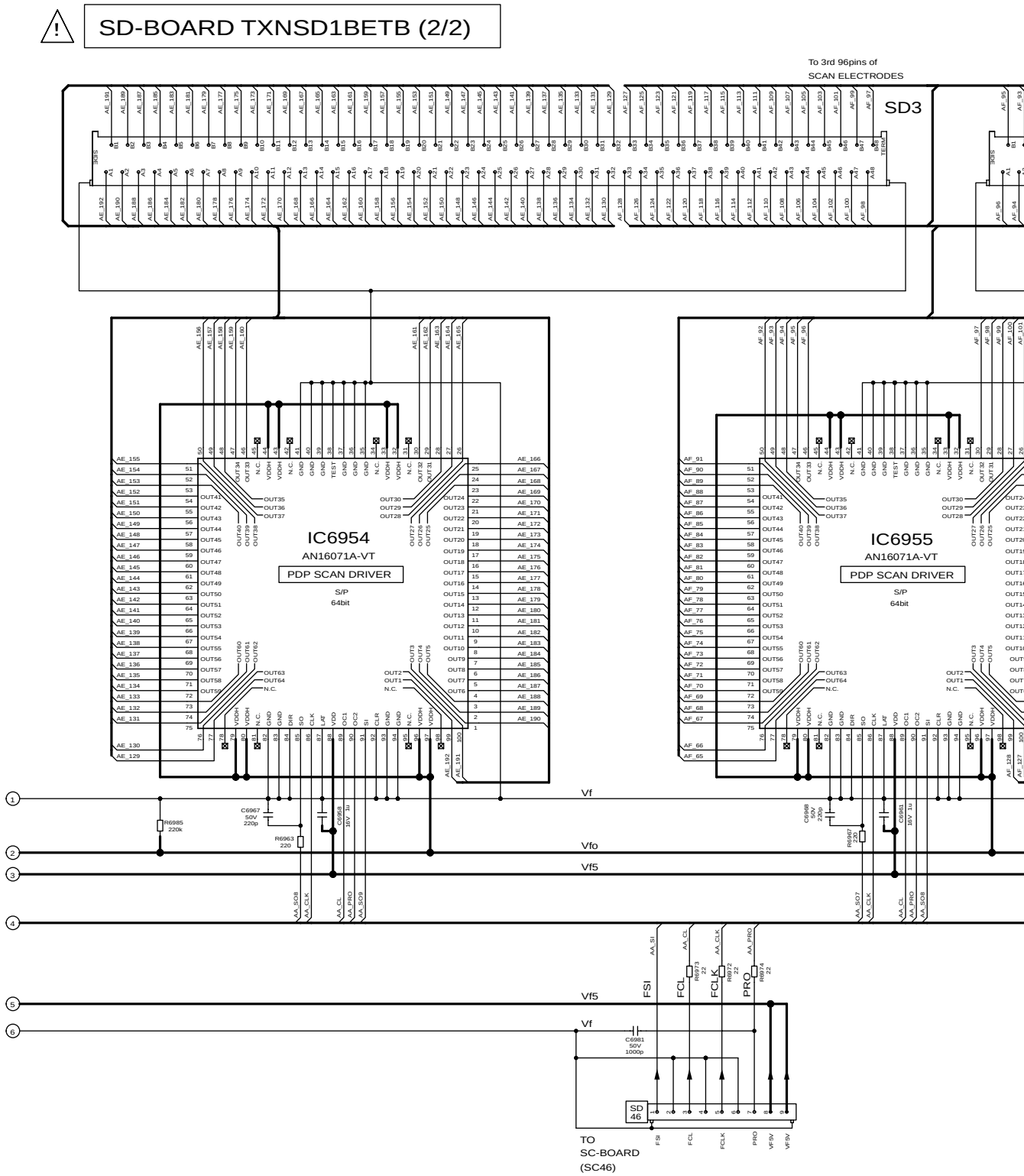
TH-50PV600E, TH-50PX600B
SD-Board (1 of 2) Schematic Diagram



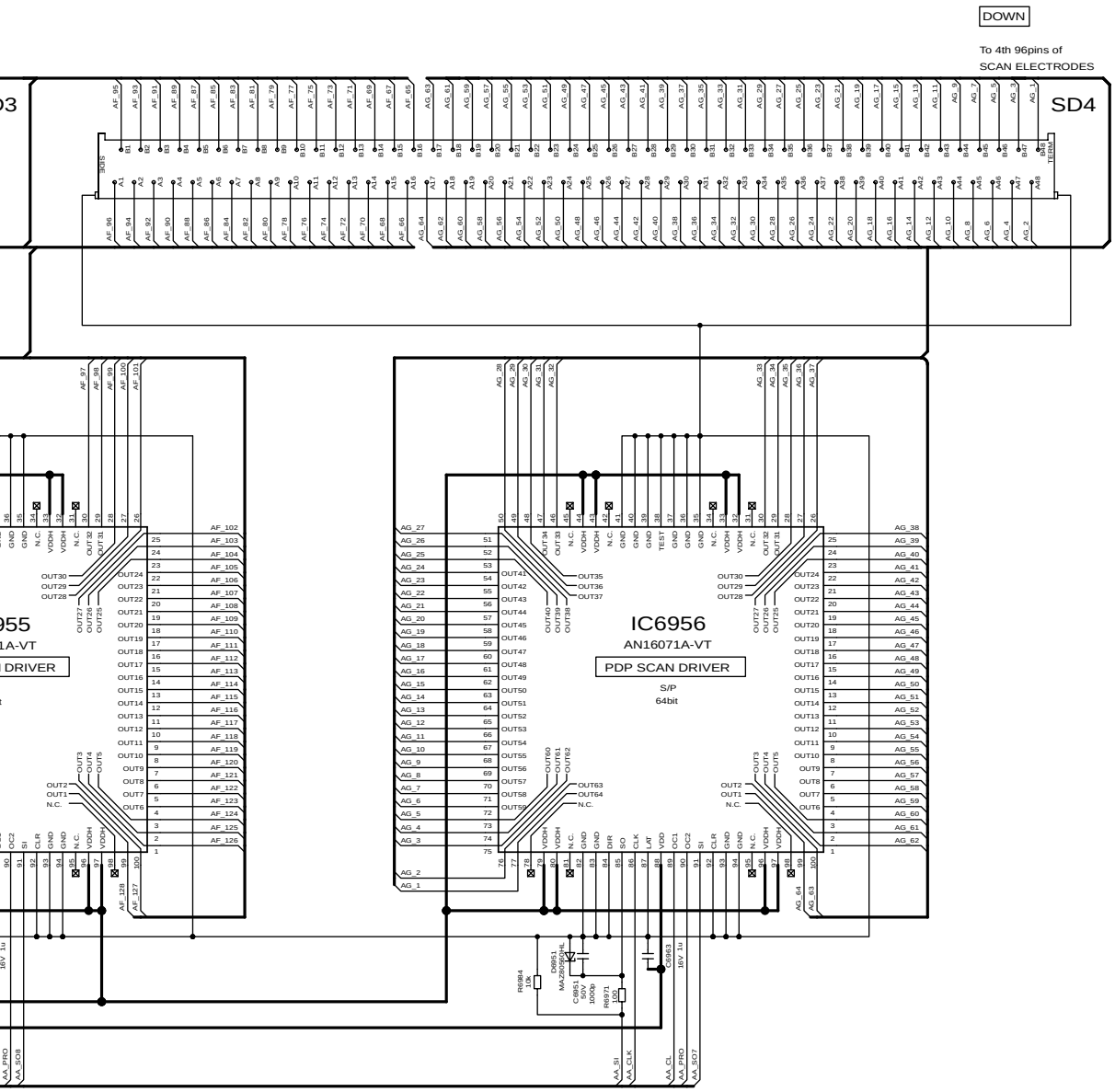
TH-50PV600E, TH-50PX600B
SD-Board (1 of 2) Schematic Diagram

4 5 6 7 8

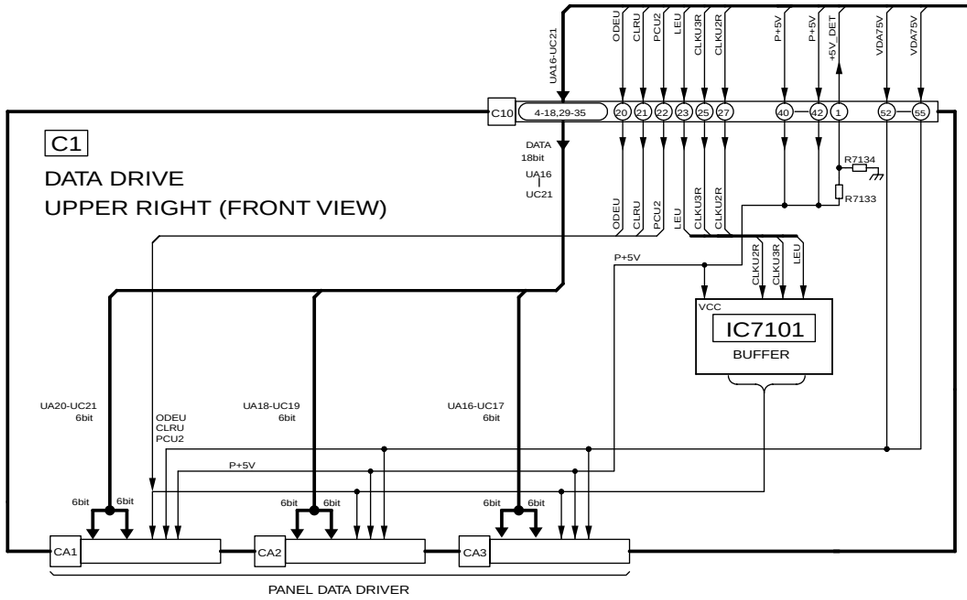
14.68. SD-Board (2 of 2) Schematic Diagram

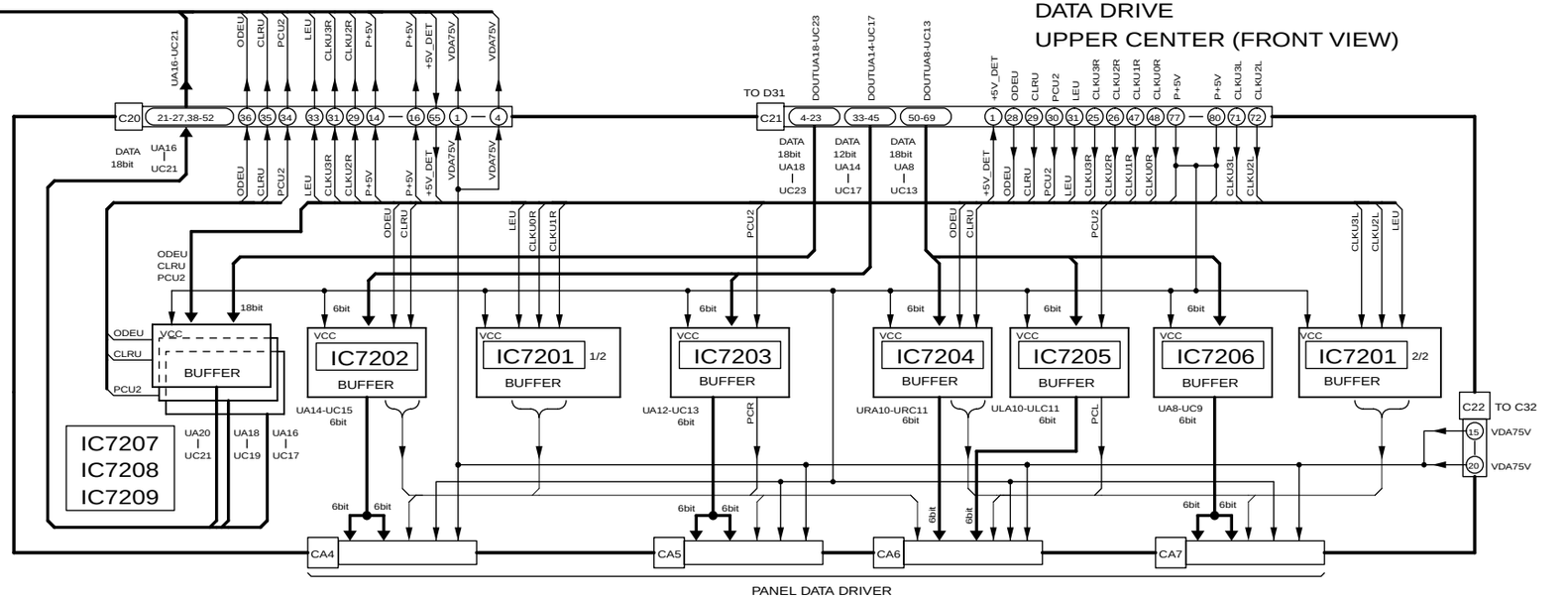


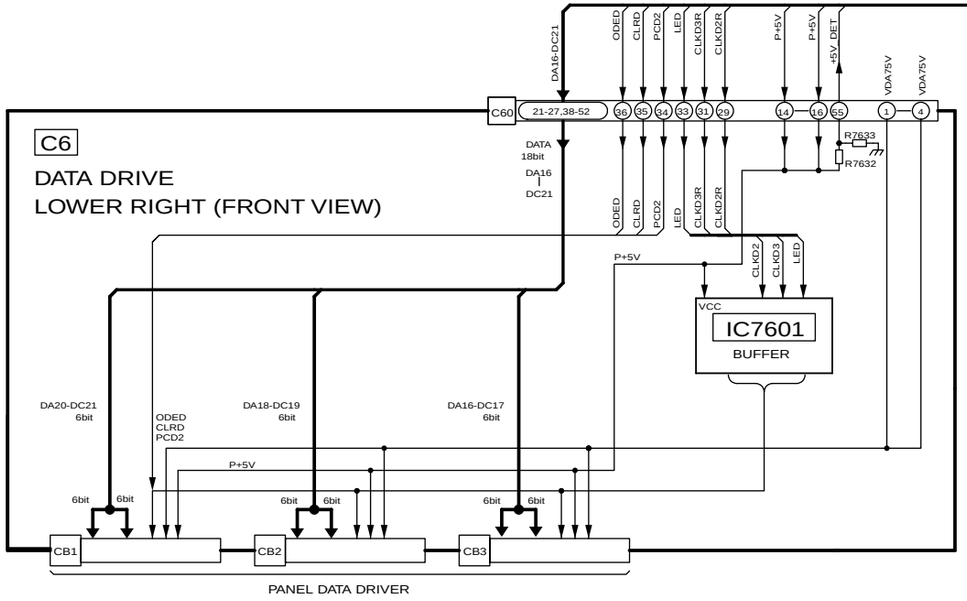
TH-50PV600E, TH-50PX600B
SD-Board (2 of 2) Schematic Diagram

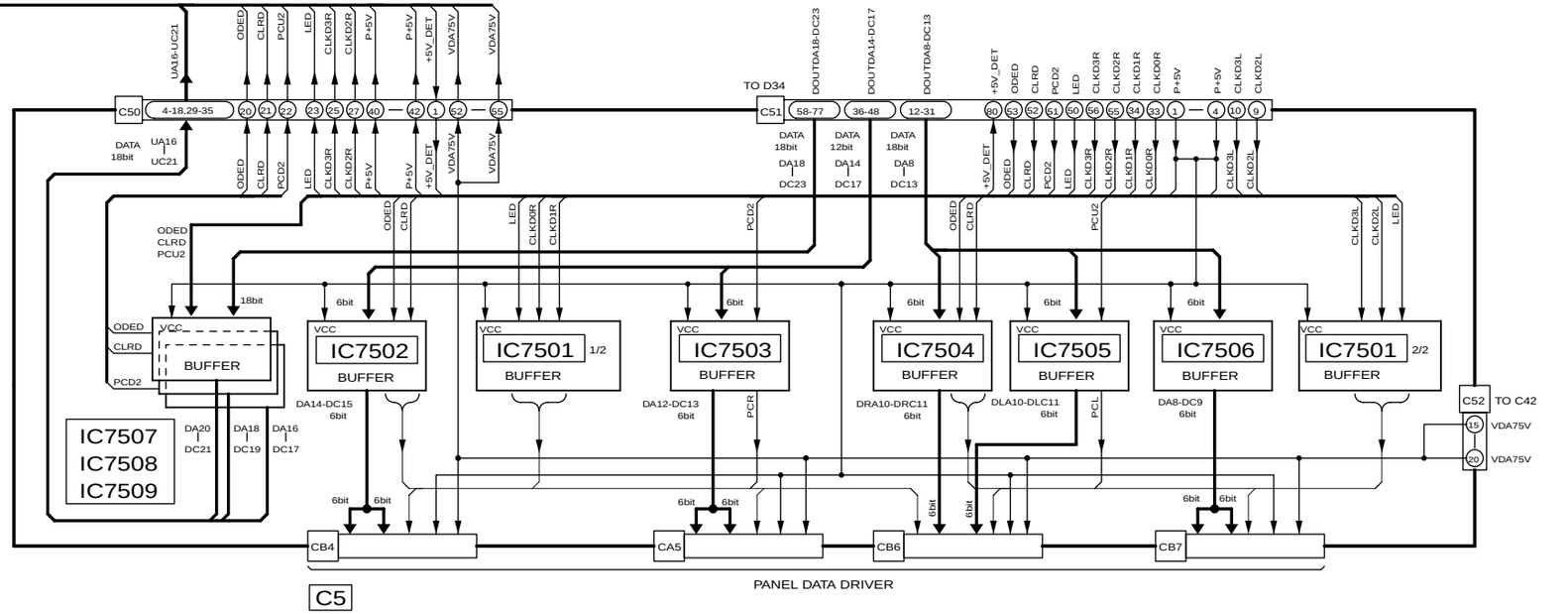


TH-50PV600E, TH-50PX600B
SD-Board (2 of 2) Schematic Diagram

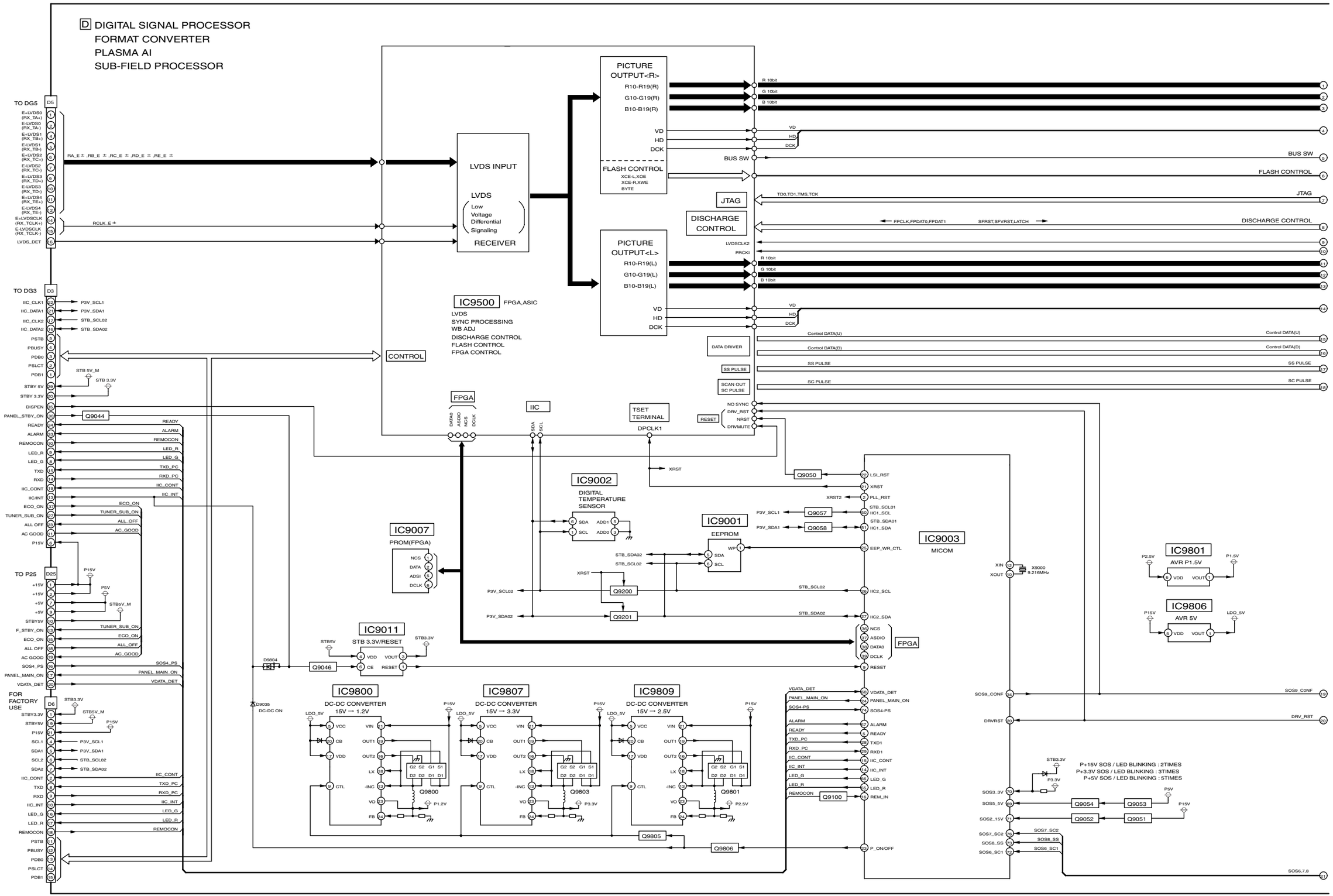






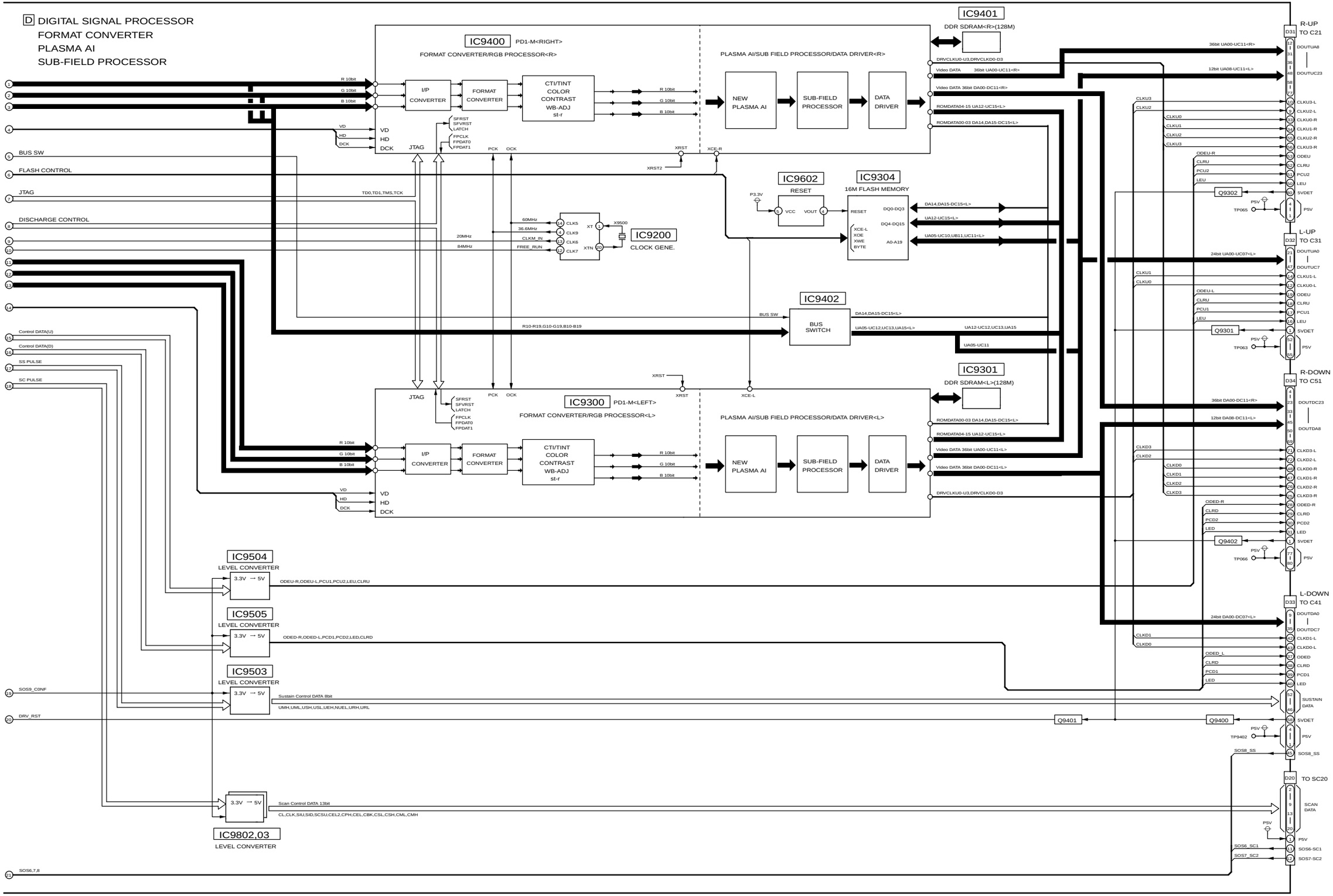


TH-50PV600E, TH-50PX600B
C1, C2, C5 and C6-Board Block Diagram



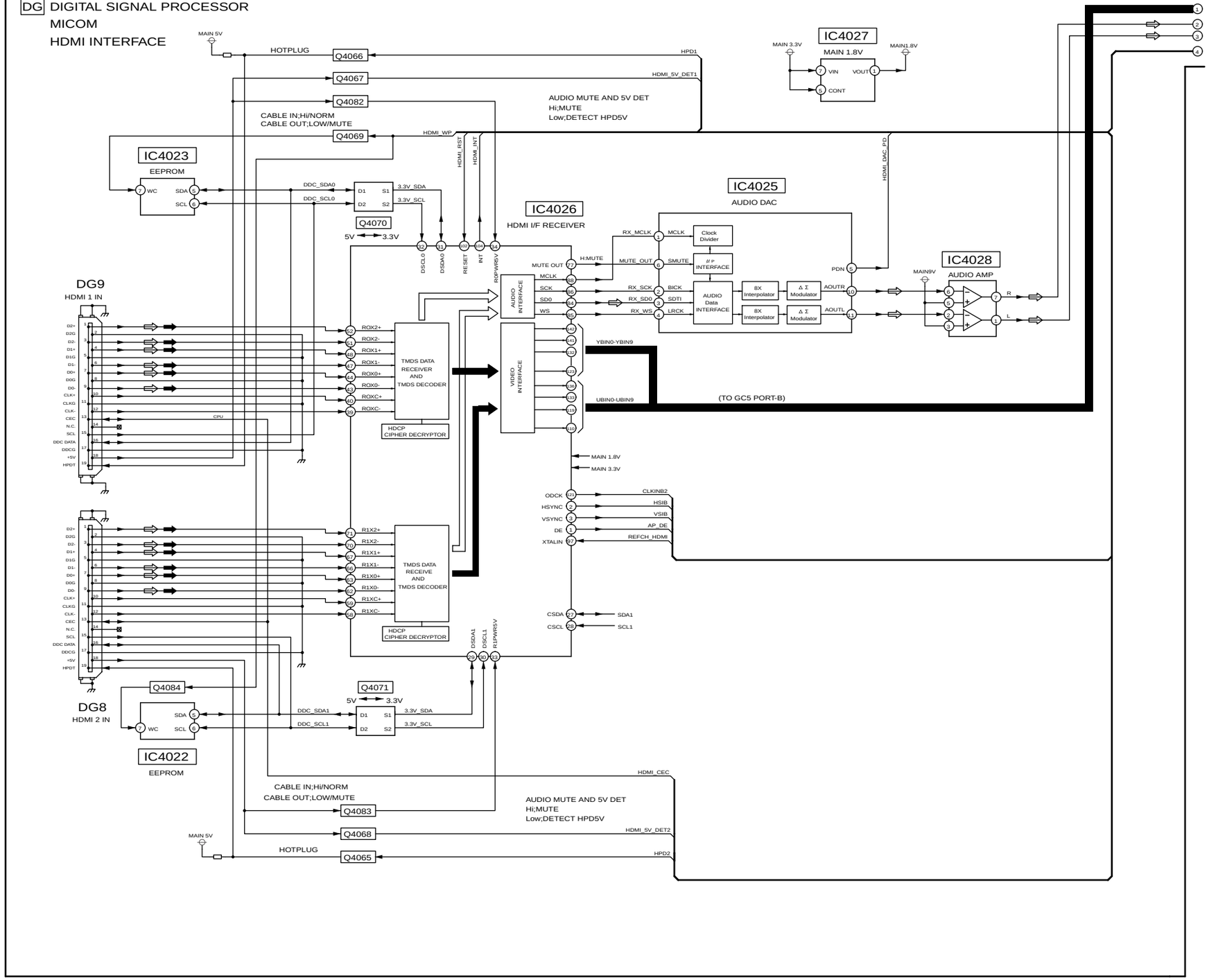
TH-50PV600E, TH-50PX600B
D-Board (1 of 2) Block Diagram

D DIGITAL SIGNAL PROCESSOR
FORMAT CONVERTER
PLASMA AI
SUB-FIELD PROCESSOR



TH-50PV600E, TH-50PX600B
D-Board (2 of 2) Block Diagram

DG DIGITAL SIGNAL PROCESSOR
MICOM
HDMI INTERFACE



TH-50PV600E, TH-50PX600B
DG-Board (1 of 3) Block Diagram

DG DIGITAL SIGNAL PROCESSOR
MICOM
HDMI INTERFACE

TO H1 DG1

HDMI_R 28
HDMI_L 27
RGB_CVBS 31
RGB_FB 30
SUB_Y 37
SUB_PB 36
SUB_PR 35
MAIN_Y/CVBS 34
MAIN_PB/C 33
MAIN_PR 32
PC_R 51
PC_G 49
PC_B 47
PC_HS 48
PC_VS 43

BS_SL 39
BS_SR 37
DVB_CVBS 41
PX600B ONLY

SL 77
SL 78
SR 73
SR 74
SOS 1
AUDIO MUTE 7
SP MUTE 8
A_MON_MUTE _MSP.RESET 5
RST 4
SCL0B 16
SDA0B 15
QLINK_AV3 12
QLINK_AV2 13
STBY3.3V
STB3.3V 9
SUB3.3V 10

TO H2 DG2

STBY_LED 6
KEY1 9
KEY_EDGE 12
AFC1 13
DVB_LED 15
AI_SENSOR 10
RM_IN 8
SD_RST 4
SD_IRQ 3
SD_TXD 2
SD_RXD 1
PX600B ONLY

IC4014 AD 2.5V
MAIN 3.3V → AD 2.5V
IC4017 PLL 2.5V
MAIN 3.3V → PLL 2.5V
IC4040 AVR 2.5V
MAIN 3.3V → MAIN2.5V

IC4020
GC3FS
X4006
XTALIN 16
XTALOUT 14
SCL1 → SCL 65
SDA1 → SDA 64
NRST 61
TDI 25
TDO 24
TMS 23
TRST 22
TCK 21
CLK0 84
HPO 73
VPO 72
UBOUT0 83
UBOUT7 85
YGOUT0 84
YGOUT1 83
YGOUT2 80
YGOUT7 74
BA_FS
FS_GC5
JTAG_TMS
JTAG_TRST
JTAG_TCK
CLKINB
HSIB
VSIB

SUB_PR → Q4044,Q4052 → VIN2 25
SUB_PB → Q4043,Q4051 → VIN1 20
SUB_Y → Q4046,Q4054 → VIN3 40

YBIN0-9,UBIN0-9
YGIN2-9,UBIN2-9

RST
CVBS0
CVBS1
GC_RST

Q1130 Q1134
Q1131 Q1135

STB1.5V
Q1140,Q1141
IC1110 STB 1.5V
VOUT VIN
EURO TEXT

STBY5V
SUB5V
D1107
D1106

IC1111 STB 3.3V RESET
STBY3.3V
MCU_RST
VOUT VIN VDOUT ON/OFF

SW OFF DET
Q1113,Q1115
Q1114,Q1116
Q1108,Q1111

IC4013 AD 3.3V
MAIN 5V
AD 3.3V
STBY5V
VIN VOUT CONT

IC4016 AVR 1.8V
MAIN 3.3V → 1.8V
VDD VOUT

IC4019
10bit A/D(ADV7499)
SCL2 SCLK 62
SDA2 SDA 61
RESET 78
MAIN_Y/CVBS → Q4050,Q4058 → AIN6 76
MAIN_PB/C → Q4057 → AIN5 75
MAIN_PR → Q4056 → AIN4 72
RGB/CVBS → Q4053,Q4055 → AIN9 67
RGB_FB → FB 71
PC_G → AIN1 54
PC_B → AIN2 56
PC_R → AIN3 58
PC_HS → HS_IN 66
PC_VS → VS_IN 69
A/D 10bit 110MHz
A/D 10bit 110MHz
A/D 10bit 110MHz
MATRIX RGB ->YUV
3D/2D com VPK
CHROMA DEM. COLOUR DETECT
SW
Detection Sync
525i/p
625i/p
720p
1080i
Macrovision
SELF,ID,ED2 NOISE LEVEL
SYNC SEPA
CLK

7 10 13 14 81 84 → YIN0-YIN9
22 29 41 42 → UVIN0-UVIN9
30 33 → RIN0-RIN3

NRST
SCL2 → SCL
SDA2 → SDA
REFCK_ADV
CLK0A
CLKIA
HSIA
VSIA
XTAL 38
DCLK_IN 35
LLC1 36
HS 4
VS 39

PORT-A (ADV7499)
PORT-B (FS&HDMI)
3D Y/C

CLKINB
CLKINB2
CLKINB2
HSIB
VSIB
AP_DE
REFCH_HDMI
TDO
TDI
TMS
TCK
TRST
JTAG

X4004
XTALIN
XTALOUT

IC4037
GC5 PROCESSOR
DIGITAL INPUT I/F
RESIZE MIX NR I/P CONV.

IC4018 AVR 1.8V
MAIN3.3V → 1.8V
IC4029 DLL 2.5V
MAIN3.3V → DLL 2.5V
IC4032 MAIN 1.2V
MAIN1.8V → MAIN1.2V
IC4027 MAIN 1.8V
MAIN3.3V → MAIN1.8V
IC4030 PLL 3.3V
MAIN5V → PLL3.3V
IC4035 DDR 2.5V
MAIN3.3V → DDR2.5V
VIN VOUT CONT

IC4038
128M DDR SDRAM
B_DDR_CLK
B_DDR_NCLK
CK
CK
A_DDR_CLK
A_DDR_NCLK

DG20 TO PA20
SL SR FAN_SOS FAN_MAX TUNER SUB_ON TV_MAIN_ON SOS SOUND_SOS SUB 9V SUB 9V SUB 9V MAIN9V SUB5V SUB5V MAIN5V MAIN5V MAIN3.3V MAIN3.3V MAIN3.3V MAIN1.8V MAIN1.8V
MAIN9V
SUB9V
SUB5V
MAIN5V
MAIN3.3V
MAIN1.8V

TH-50PV600E, TH-50PX600B
DG-Board (2 of 3) Block Diagram

DG DIGITAL SIGNAL PROCESSOR
MICOM
HDMI INTERFACE

FOR FACTORY USE (DEBUGER)

IC1103
MAIN MICOM

IC1105
SWITCHING

IC1106
SWITCHING

IC1107
Q LINK SW

IC1102
64K EEPROM

IC1100

64M SDRAM

IC1101

16M FLASH ROM

PX600B ONLY

PV600E ONLY

IC4037
GC5 PROCESSOR

IC4036
LVDS TRANSMITTER(10bit)

10Bit LVDS

TO HC15

TO D3

TO XV01

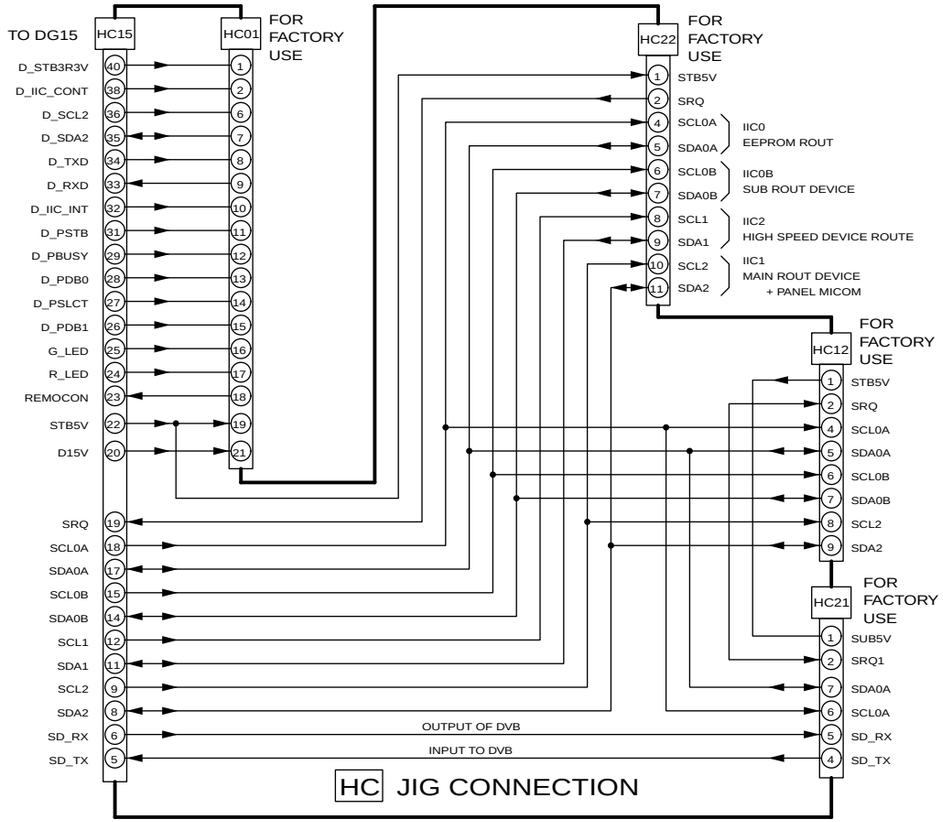
TO D5

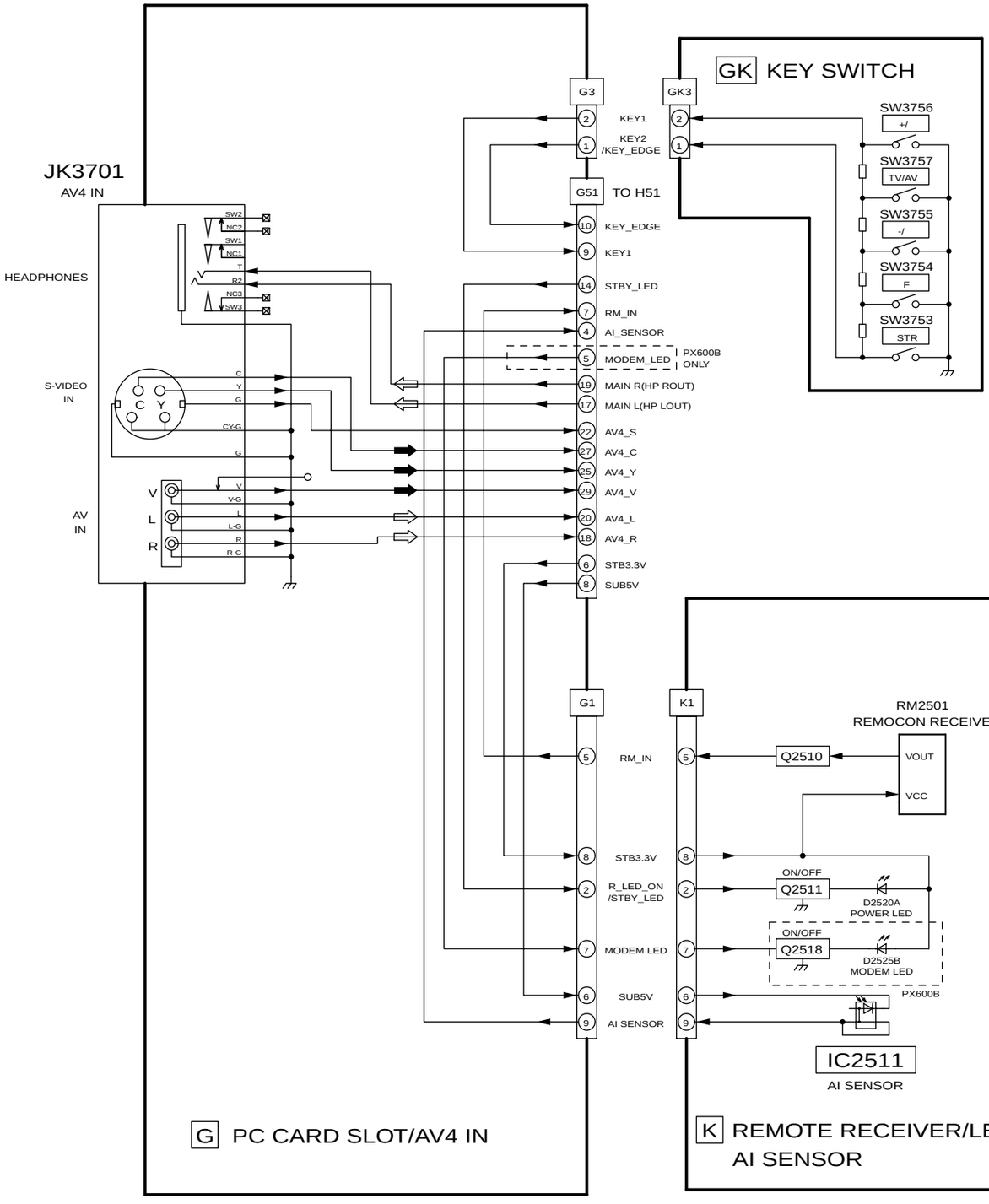
FOR ROM(D-BOARD)

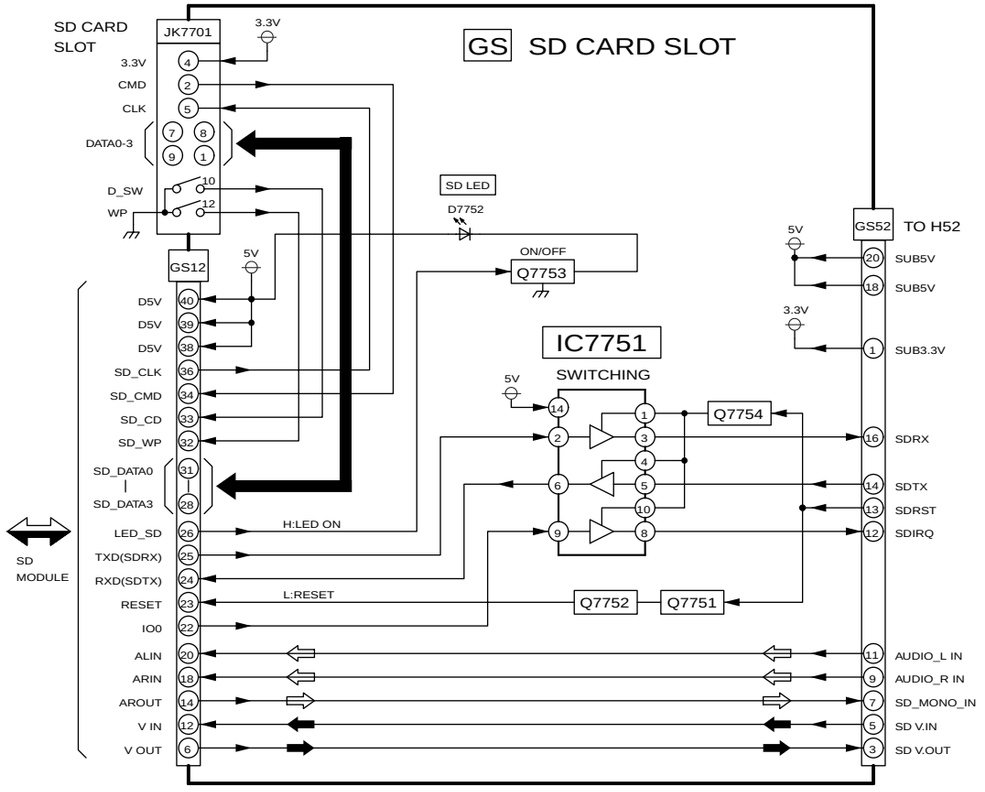
FOR IIC/SERIAL

FOR FACTORY USE

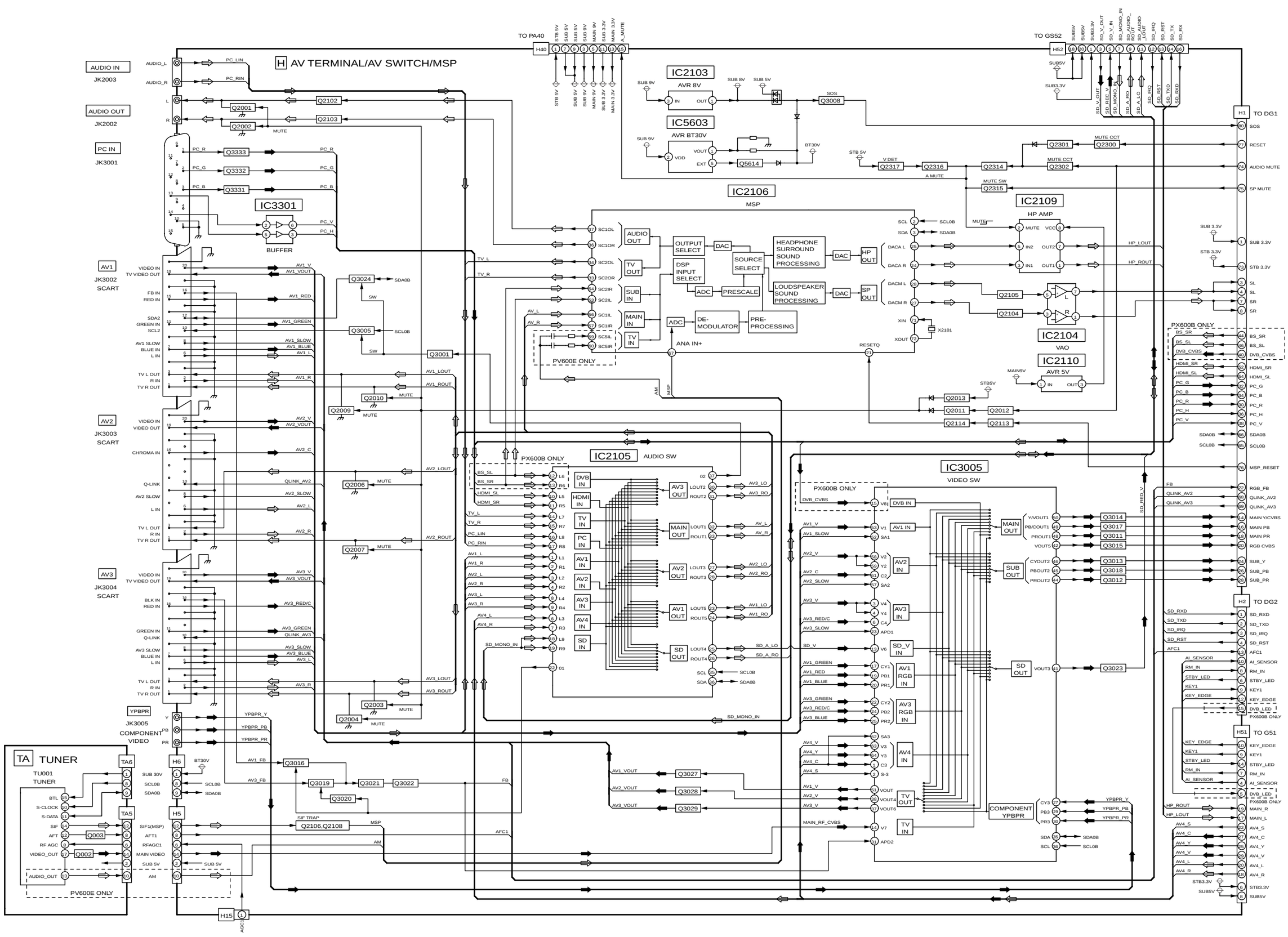
TH-50PV600E, TH-50PX600B
DG-Board (3 of 3) Block Diagram





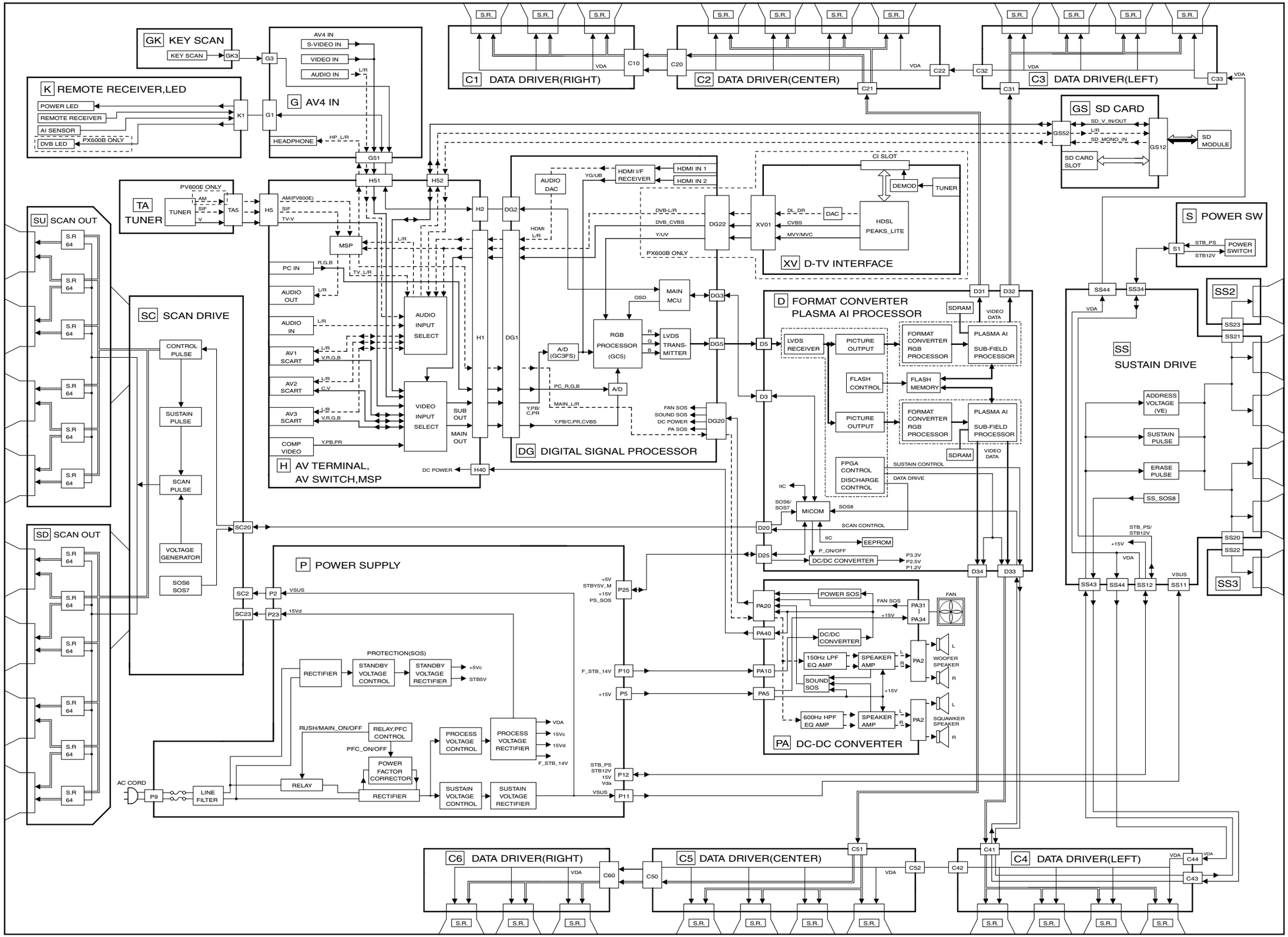


TH-50PV600E, TH-50PX600B
G, GK, GS, HC and K-Board Block Diagram



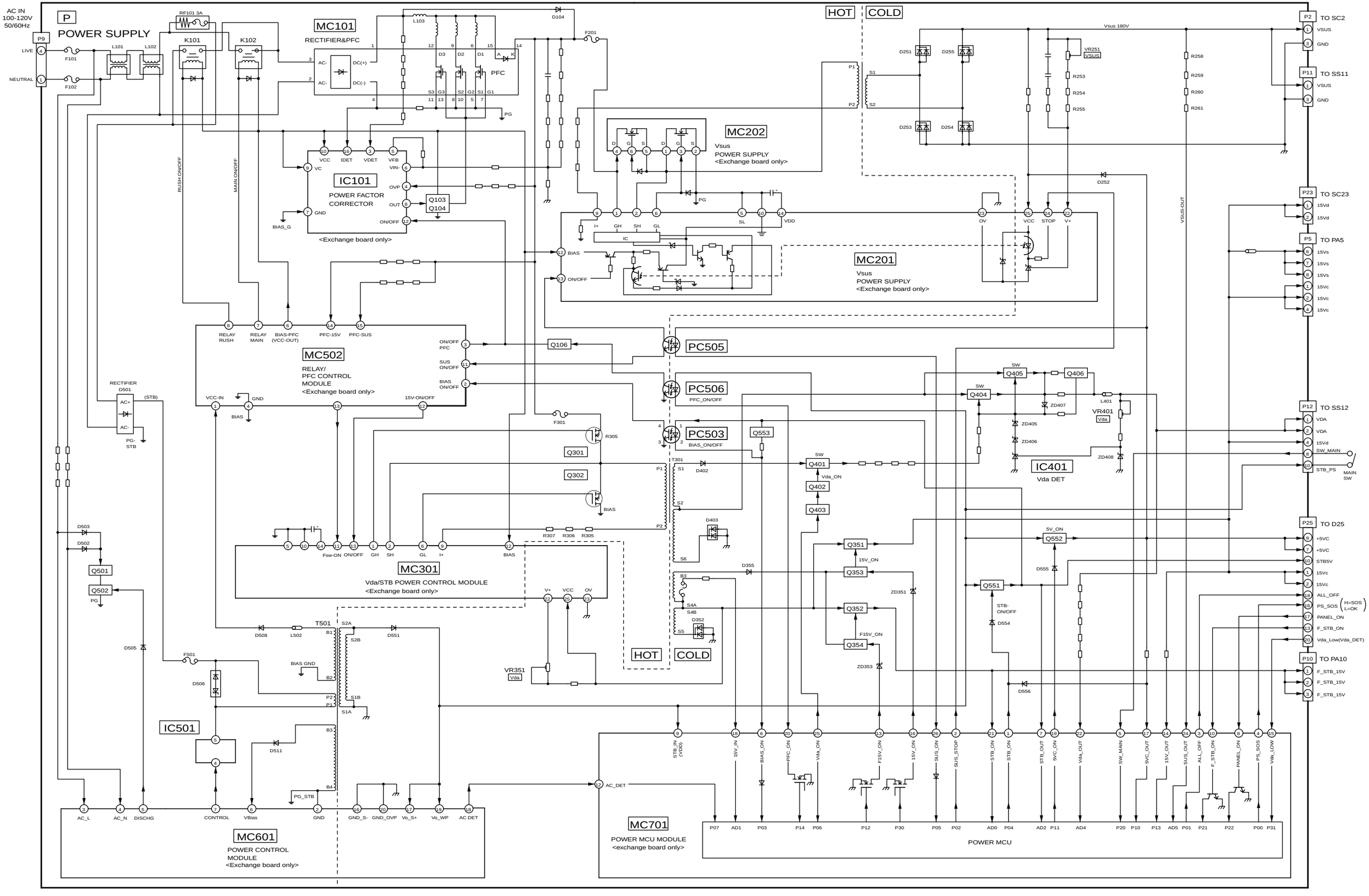
TH-50PV600E, TH-50PX600B
H-Board Block Diagram

TH-50PV600E, TH-50PX600B
H-Board Block Diagram



TH-50PV600E, TH-50PX600B
Main Block Diagram

TH-50PV600E, TH-50PX600B
Main Block Diagram



TH-50PV600E, TH-50PX600B
P-Board Block Diagram

PA DC-DC CONVERTER/POWER SOS
SPEAKER OUT/AUDIO AMP
FAN CONTROL

IC5601
AVR 5V/9V
ON/OFF1 VOUT1 SUB9V/MAIN9V
VIN
ON/OFF2 VOUT2 SUB5V/MAIN5V

IC5602
AVR 1.8V/3.3V
ON/OFF1 VOUT1 MAIN3.3V
VIN
ON/OFF2 VOUT2 MAIN1.8V

IC5604
AVR 3.3V
VIN VOUT

TO P10 PA10
F_STBY_14V
F_STBY_14V
F_STBY_14V
TP16

Q5610
Q5603
MAIN5V
ON/OFF
Q5605

Q5613
SUB9V(2.2A)
Q5601
MAIN_9V(0.4A)
ON/OFF
Q5602
MAIN9V

SUB9V
MAIN_9V
SUB5V
MAIN5V
MAIN3.3V
MAIN1.8V

TPS9 TPS9V TPM9 TPM9V
TPS5 TPS5V TPM5 TPM5V
TPM33 TPM33V
TPM18 TPM18V

PA20 TO DG20
1 SUB9V
2 SUB9V
3 SUB9V
6 MAIN9V
8 SUB5V
9 SUB5V
12 MAIN5V
13 MAIN5V
18 MAIN3.3V
19 MAIN3.3V
20 MAIN3.3V
23 MAIN1.8V
24 MAIN1.8V
32 TUNER_MAIN_ON
33 TUNER_SUB_ON
34 PA_SOS
35 SOUND_SOS
16 FAN_CONT
17 FAN_SOS
37 SL
38 SR

TUNER_MAIN_ON
TV_SUB_ON
SOS

TP5616 TP5615 TP5617

PA SOS
LED BLINKING : 10TIMES

Q5643 Q5641
ON/OFF Q5604
Q5642
Q5644

D5641 NR14V SUB_3.3V
D5643 SUB_9V-1 SUB_5V
D5634 D5635 D5642 D5644 D5639
D5637 D5640 D5638
D5646
D5649 MAIN_1.8V
D5647 MAIN_9V MAIN_5V

STB5V1

TP33 TP33V
SUB3.3V
STB5V1

PA40 TO H40
1 STB5V
3 SUB9V
5 MAIN9V
7 SUB5VA
8 SUB5VA
11 SUB3.3V
13 MAIN3.3V
15 AMUTE

PA5 TO P5
1 +15V
2 +15V
6 +15V
7 +15V
8 +15V

MAIN9V
Q2300
SOUND SOS
LED BLINKING : 12TIMES
D2309

IC5801
AVR 15V
FAN CONTROL
Vin Vadj
ON/OFF Vout (sw)

IC2300
120Hz LPF
IC2304
EQUALIZER AMP
Q2306 Q2302
Q2307 Q2303
IC2306
OP AMP
MAIN_9V

IC2301
600Hz HPF
IC2305
EQUALIZER AMP
Q2308 Q2304
Q2309 Q2305
IC2307
OP AMP

IC2302
SPEAKER AMP
RINP LINP PVCCL PVCCL PVCCR PVCCR SHUTDOWN FAULT
AVCC LOUTP LOUTP LOUTN LOUTN ROUTN ROUTN ROUTP ROUTP

Q2301

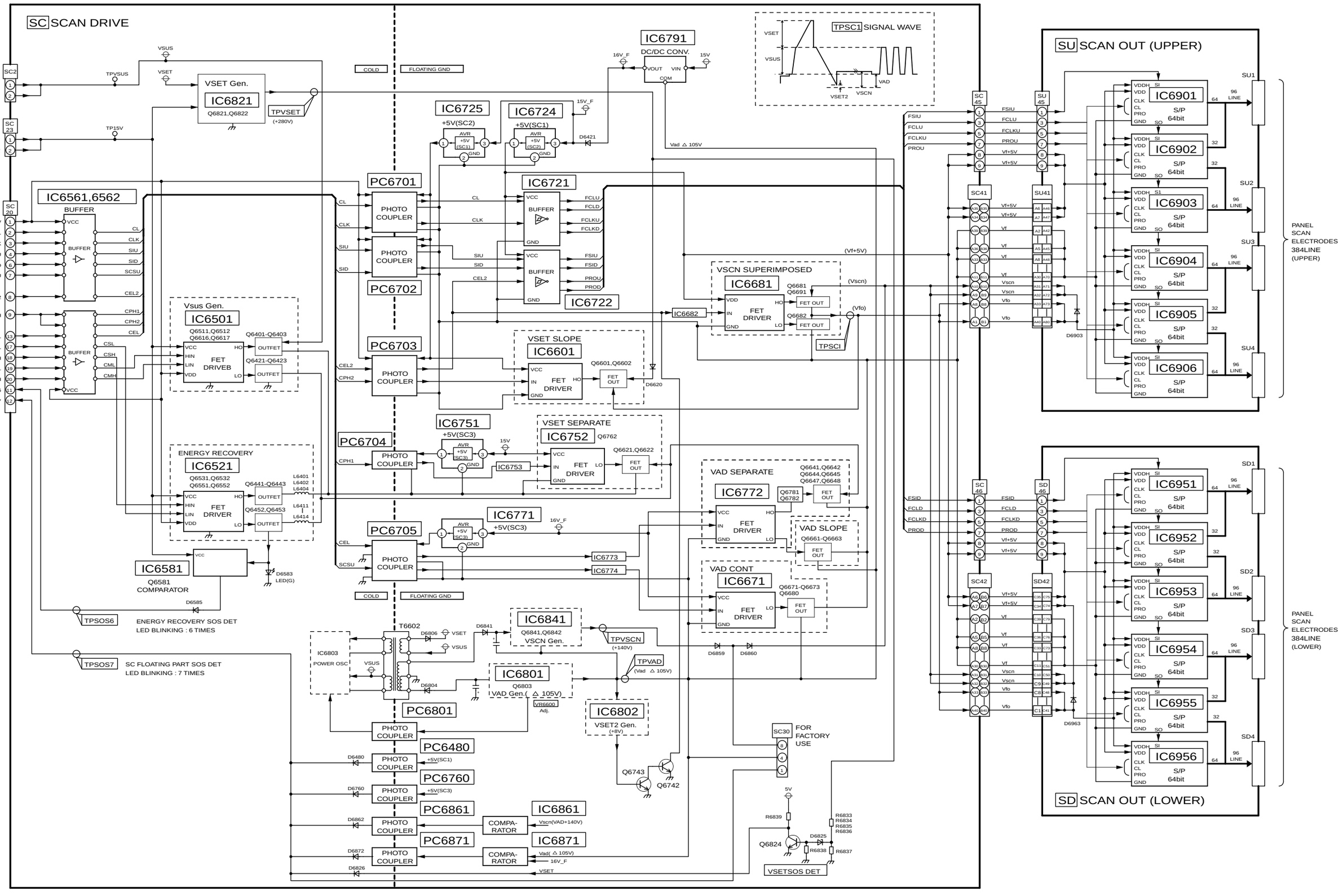
IC2303
SPEAKER AMP
RINP LINP PVCCL PVCCL PVCCR PVCCR SHUTDOWN FAULT
AVCC LOUTP LOUTP LOUTN LOUTN ROUTN ROUTN ROUTP ROUTP

PA2 WOOFER SPEAKER L
W_L-
W_L+
W_R-
W_R+
WOOFER SPEAKER R

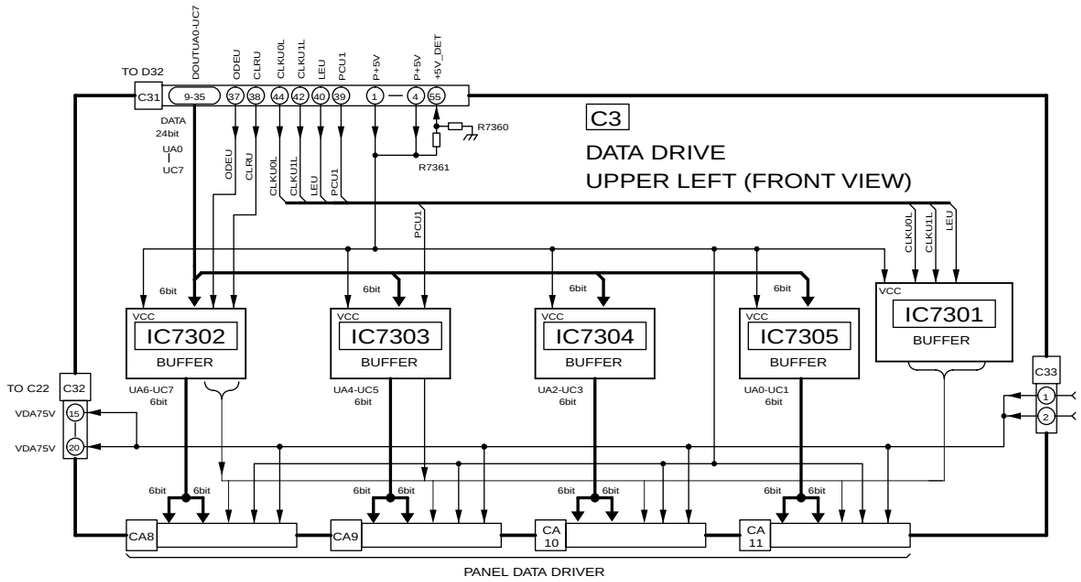
PA1 SQUAWKER SPEAKER L
SQ_L-
SQ_L+
SQ_R-
SQ_R+
SQUAWKER SPEAKER R

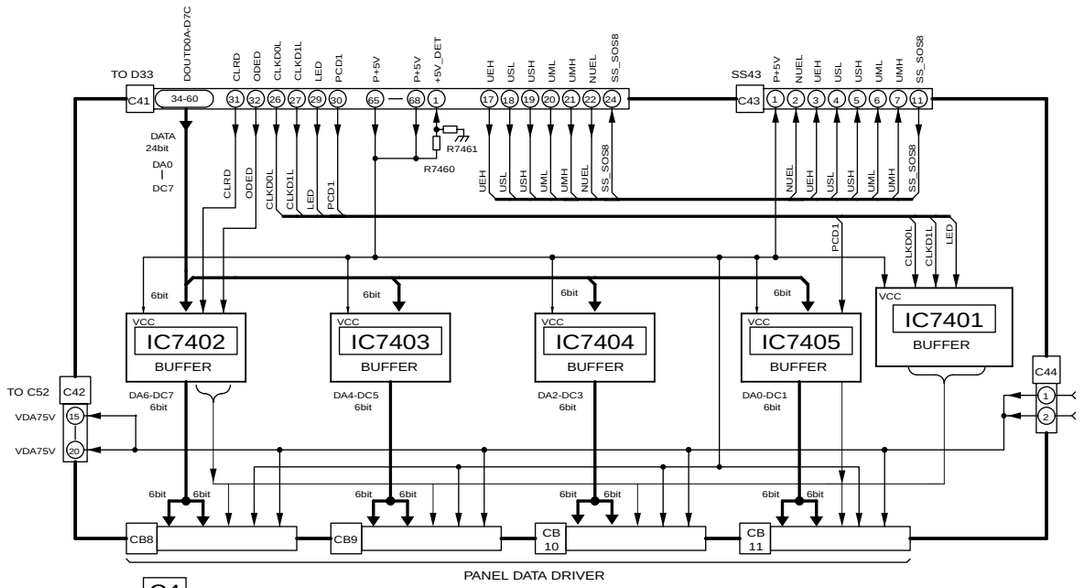
TO FAN
PA31 FAN SOS
PA32 FAN SOS
PA33 FAN SOS
PA34 FAN SOS
D5805
D5804
D5806
D5807
FAN SOS
LED BLINKING : 11TIMES

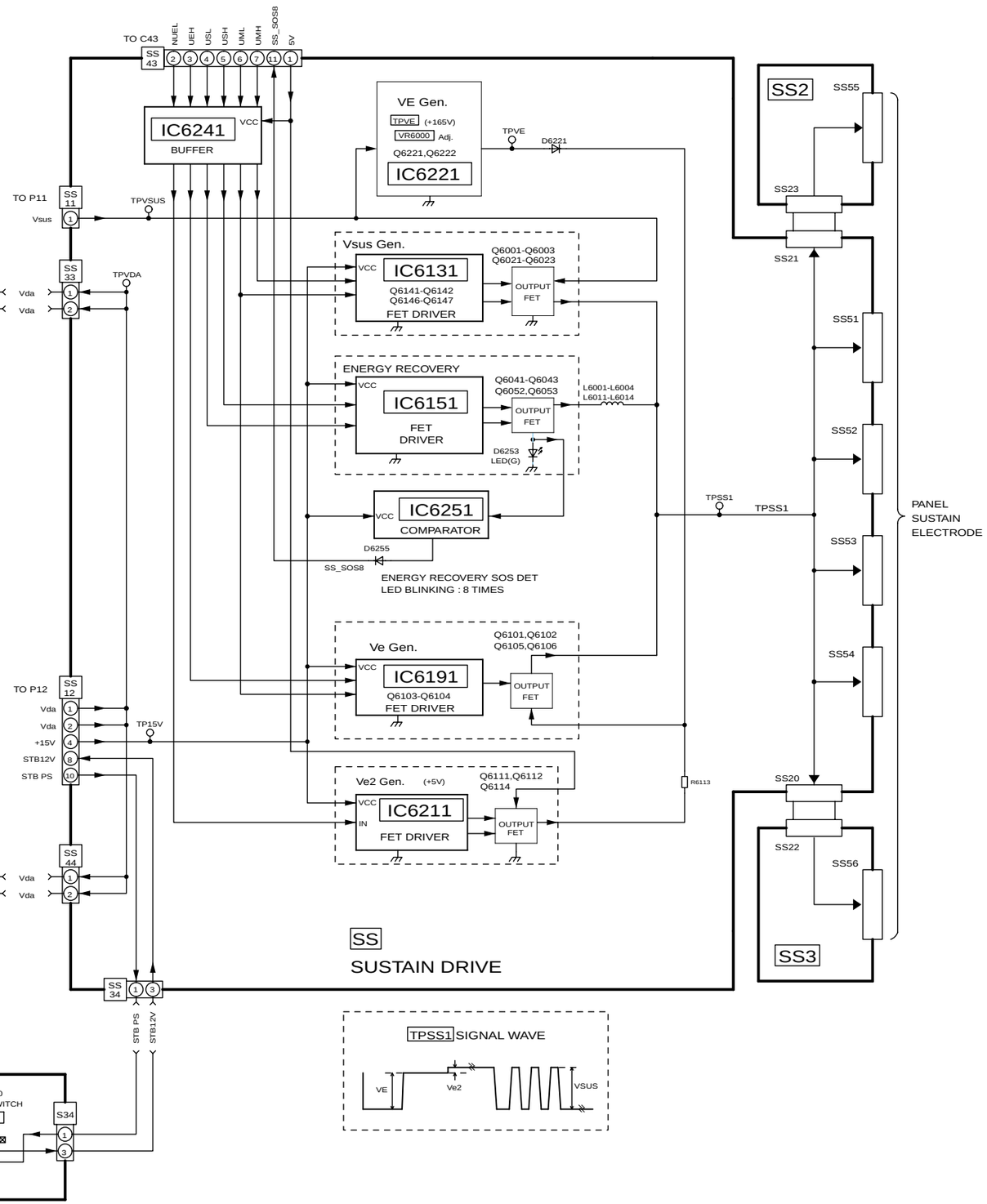
TH-50PV600E, TH-50PX600B
PA-Board Block Diagram



TH-50PV600E, TH-50PX600B
SC, SU and SD-Board Block Diagram







TH-50PV600B, TH-50PX600E
C3, C4, SS, S, SS2 and SS3-Board Block Diagram

XV D-TV INTERFACE

CI SLOT (COMMON INTERFACE)

JK8401

Vpp1,Vpp2 18 22
VCC 17 51
D0~D7 2 6 30 32
RESET 58
A0~A14 8 10 14 21 25
REG# 81
CE1# 7
OE#,WE# 9 15
IORD#,IOWR# 44 45
IREQ# 16
CD1#,CD2# 26 67
MCLK0,WAIT# 27 28
ENOUT,PKTRTOUT 62 63
MDO3-MDO7 37 41
MDO0-MDO2 64 65
MISTRT 66
MDI0~MDI7 47 50 53 56
MIBAL,MCLKI 19 20

DATA
ADDRESS
CONTROL
STROUT
SPDATA0-7
SPEN,SPCLK

IC8402 BUFFER — ED16-ED23
IC8410,IC8411 BUFFER — EA1-EA15
IC8404 BUFFER
IC8213 BUFFER — CHCLK,CHVAL,CHSYNC; XCD1,XCD2,XWAIT,XIREQ
IC8412 BUFFER — DATA0-7

IC8405 CARD 5V — SUB 5V; VOUT, VIN, FAULT (XIRQ2), EN
Q8401 Q8402
RESET
POWER

IC8864 AVR +1.8V — 3.3V → +1.8V (VIN, VOUT)
IC8034 AVR +2.5V — 3.3V → +2.5V (VCC, VOUT, CTL)

IC8023 DC-DC CONV.3.3V — SUB 9V → 3.3V(0.87A) (VIN, SW, PVIN, FB, INV)
IC8024 DC-DC CONV.1.2V — SUB 9V → 1.2V(0.6A) (VIN, SW, PVIN, FB, INV)

TU8001 DVB TUNER
SCL 15
SDA 14
IFD2 17
IFD1 18
IF_AGC 16
VBB 3
VBM 11
SUB 5V
X8003 24.167MHz

IC8003 COFDM DEMODULATOR
XIRQ1 42 LOCK/OP2
18 SCLT
19 SDAT
62 XTALI
63 XTALO
9 INM
10 INP
16 AGC1
12 RESET
SCL 20 SCL1
SDA 21 SDA1
D0 34
D3 61
STROUT 23
D4 29
D7 25
CLKOUT 96
D/XP 98

IC8408 TS BUFFER — SPDATA 0-3
IC8409 TS BUFFER — SPDATA 4-7

SPPKTST
SPCLK
SPEN
SPDATA7
XFERSTO

IC8009 256M DDR_SDRAM — DATA BUS, ADDRESS BUS, CONTROL BUS
MMDQ0 | MMDQ31
MMA0 | MMA13
CK,MCK,CKE CS,RAS,CAS WE,BS0,BS1
DDR-SDRAM

IC8501 VCXO27M — X8006

IC8019 64M CPU FLASH ROM
DG0-DQ15
A0-A21
WE,CE,OE
RESET ← XRST
DATA BUS, ADDRESS BUS, CONTROL BUS

IC8013 HDSL PEAKS_Lite

CHCLK
CHVAL
CHSYNC
HSCLKIN
HSVALIN
HSSYNCIN
HSDIN0 | HSDIN7
XIRQ1, XIRQ2 — INTERRUPTION
CK27
VC27
POWER
RESET
CIPOWER
CIRESET
XIREQ
XWAIT
XCD2
XCD1
ED16 | ED31
EA0 | EA24
XECS0-XECS5 BOOTSWAP,XEDK ELLK,XEWE2,XEWE3 XERE,ERXW — SUPPORT CARD& NOR FLASH ROM I/F
XIORD,XIOWR XWE,XOE,REG XECS3 — CI I/F
XFERSTO
SCHDATA0
ENABLE0
CHPSYNC0
SCHCLK0

PEAKS_Lite(3/3)
PEAKS_Lite(1/3)
PEAKS_Lite(2/3)
VDD12 VDD33 AAVDD DAVDD MAVDD SVAVDD MVAVDD AVDD
1.2V 3.3V 2.5V
VDDQ → 2.5V (DDR SDRAM)

3.3V
IEC_OUT
DIGITAL VIDEO
MVY0 | MVY7
MVC0 | MVC7
MHSYNC0
MVSYNC0
MVCLK0

IC8029 AUDIO DAC
DACCK 1 MCLK
SRCK 2 BICK
DMIX 3 SDTI
LRCK 4 LRCK
5 PDN
AOUTL 11
AOUTR 10
DIGITAL AUDIO

IC8031 AUDIO AMP
SUB 9V
DL → 41 DL(BS_L)
DR → 43 DR(BS_R)

CVBS
XDACRST
Q8101
VDACOUT5 → 72 CVBS
SCL0 ↔ 32 SCL0
SDA0 ↔ 33 SDA0
SCL1
SDA1

SBO1 ↔ 18 SBO1(SBI1)
SBI1 ↔ 19 SBI1(SBO1)
XRST ↔ 22 XRST

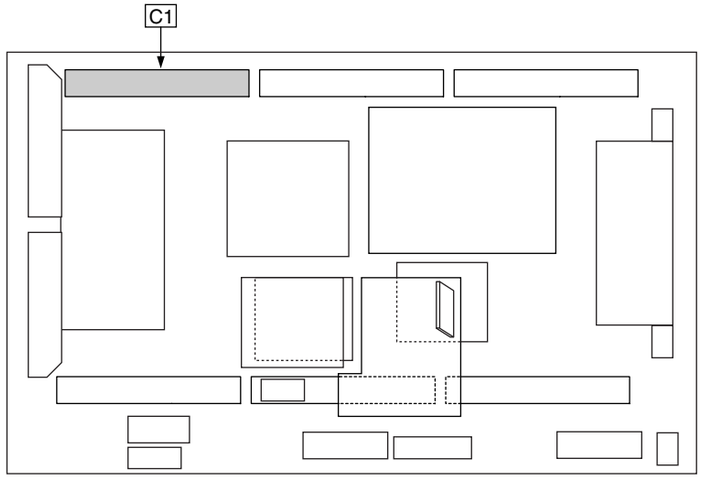
IC8042 RESET — SUB 9V; XRST; VOUT, VDD

XV01 TO DG22
SUB 9V: 13 24 52 53 11
SUB 5V: 54 57 14
MVY0 ~ MVY7 → 66
MVC0 ~ MVC7 → 67
MHSYNC0 → 107
MVSYNC0 → 108
MVCLK0 → 109

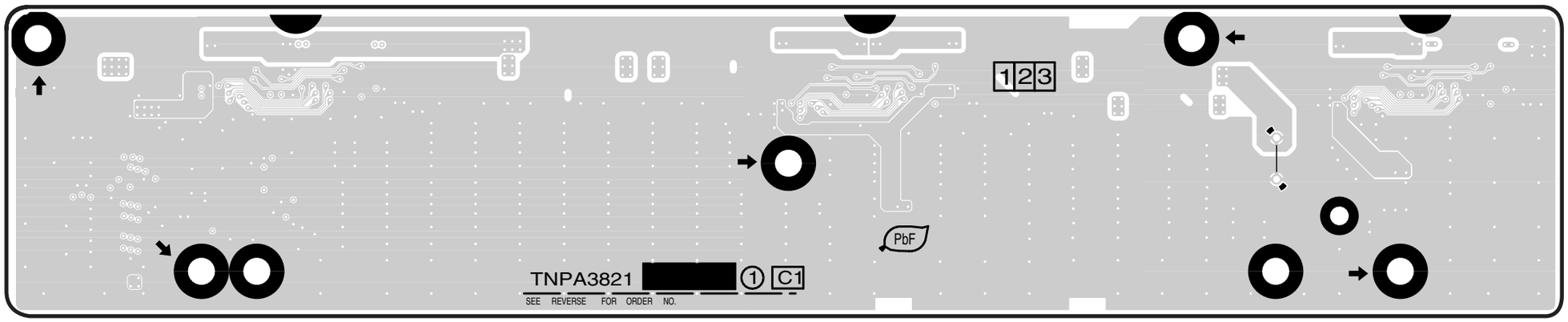
TH-50PX600B
XV-Board Block Diagram

Parts Location

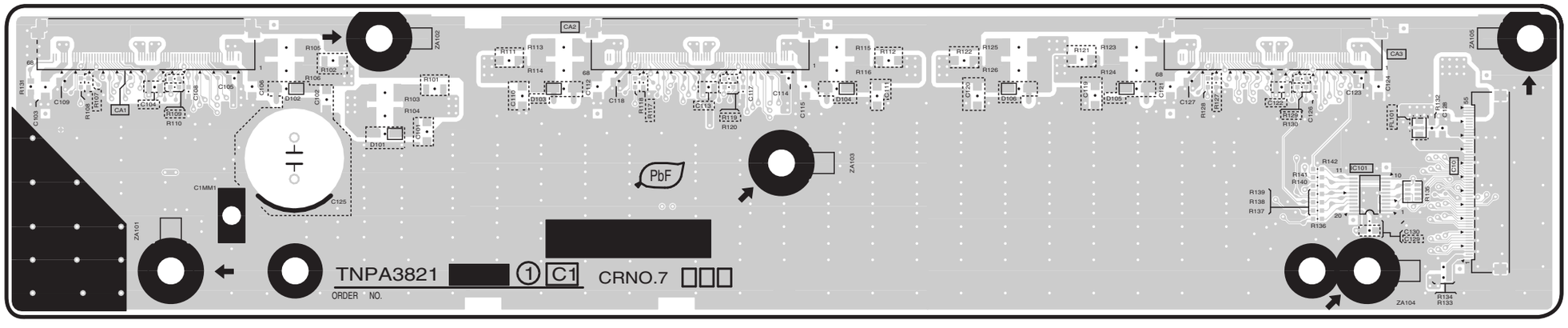
C1-BOARD	
IC	
IC7101	G-1



C1-BOARD (FOIL SIDE)
TXNC11BETB



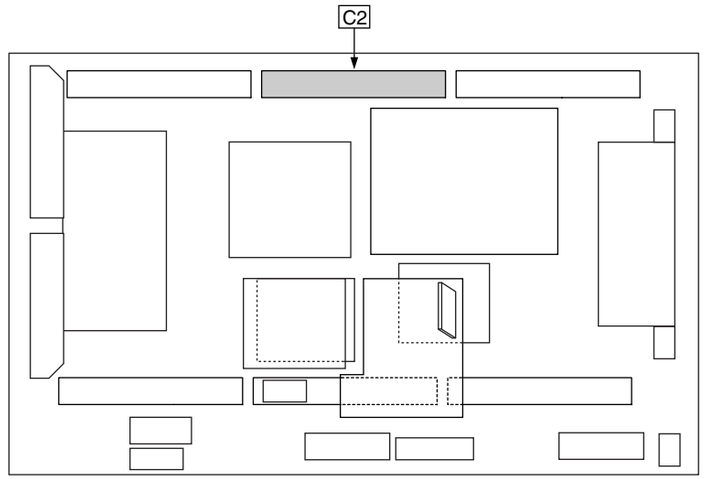
C1-BOARD (COMPONENT SIDE)
TXNC11BETB



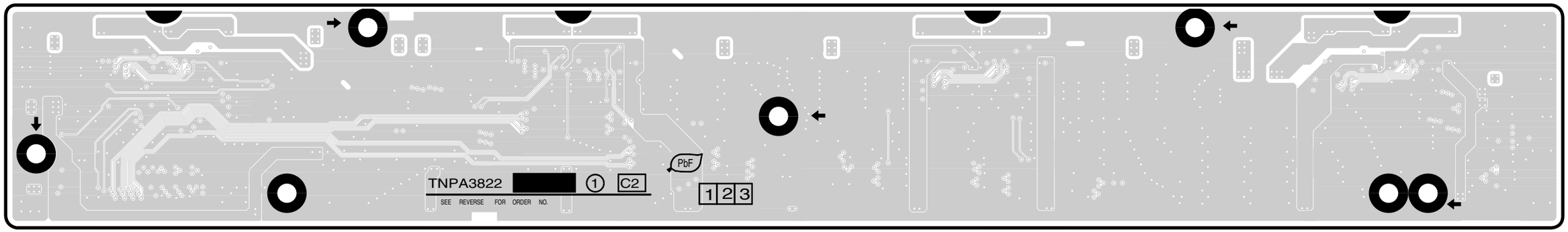
TH-50PV600E, TH-50PX600B
C1-BOARD TXNC11BETB

Parts Location

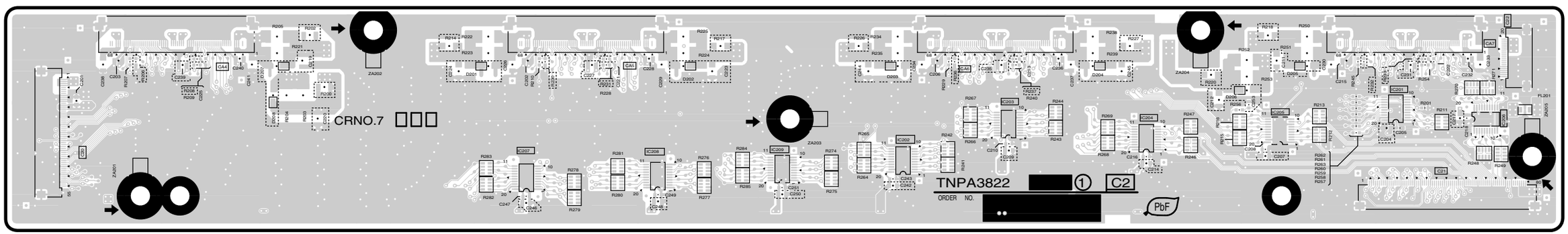
C2-BOARD	
IC	
IC7201	H-1
IC7202	F-1
IC7203	F-2
IC7204	G-2
IC7205	H-2
IC7206	I-2
IC7207	D-1
IC7208	D-1
IC7209	E-1



C2-BOARD (FOIL SIDE)
TXNC21BETB

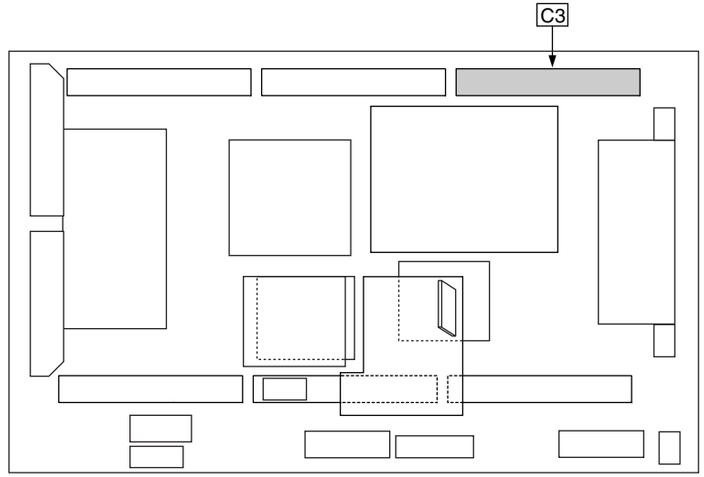


C2-BOARD (COMPONENT SIDE)
TXNC21BETB

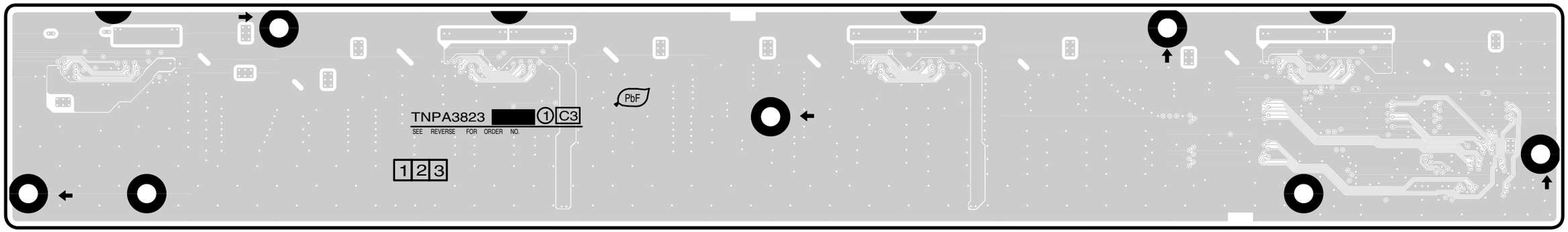


TH-50PV600E, TH-50PX600B
C2-BOARD TXNC21BETB

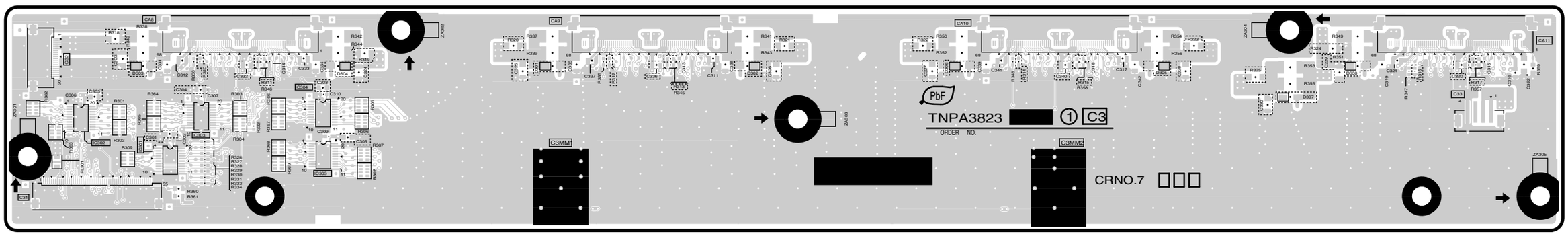
C3-BOARD	
IC	
IC7301	B-1
IC7302	A-2
IC7303	B-2
IC7304	B-2
IC7305	B-1



C3-BOARD (FOIL SIDE)
TXNC31BETB

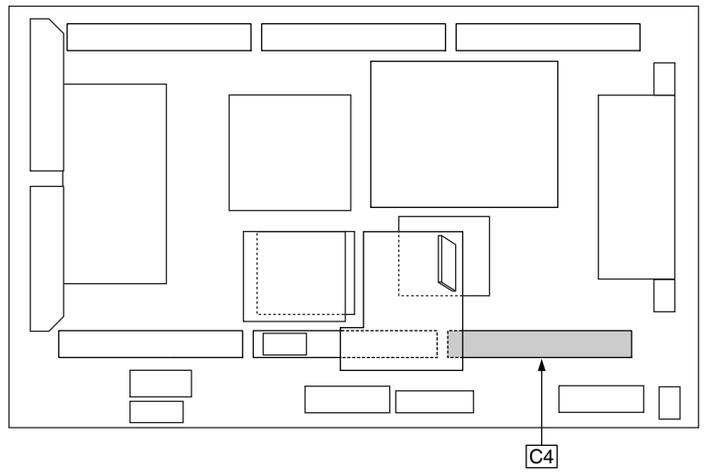


C3-BOARD (COMPONENT SIDE)
TXNC31BETB

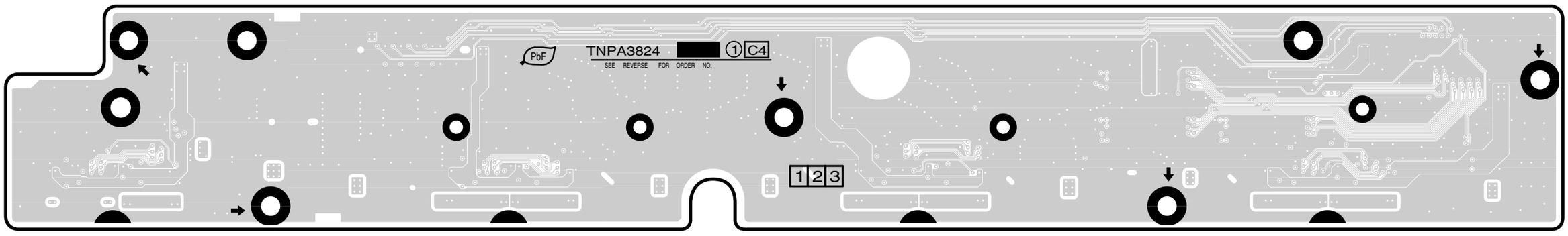


TH-50PV600E, TH-50PX600B
C3-BOARD TXNC31BETB

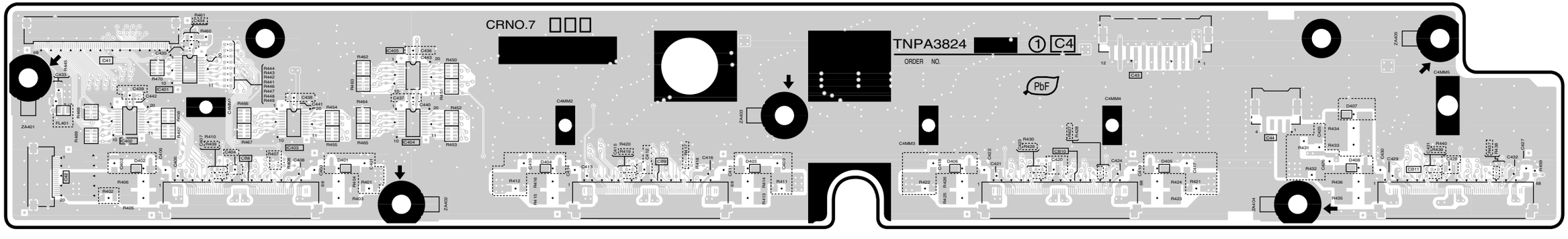
C4-BOARD	
IC	
IC7401	B-2
IC7402	A-2
IC7403	B-2
IC7404	C-2
IC7405	C-2



C4-BOARD (FOIL SIDE)
TXNC41BETB

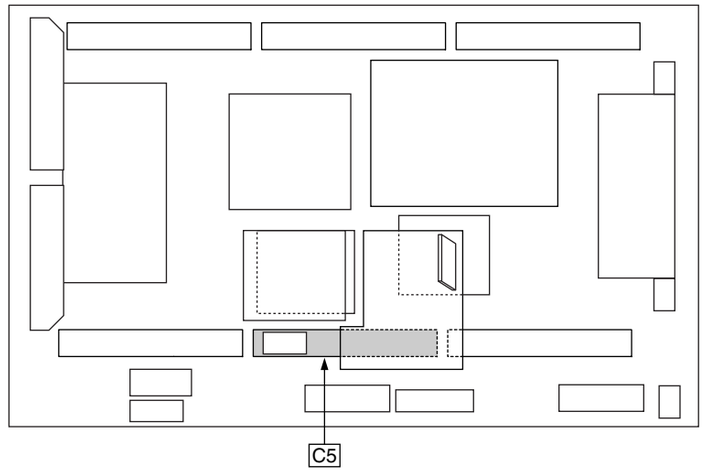


C4-BOARD (COMPONENT SIDE)
TXNC41BETB

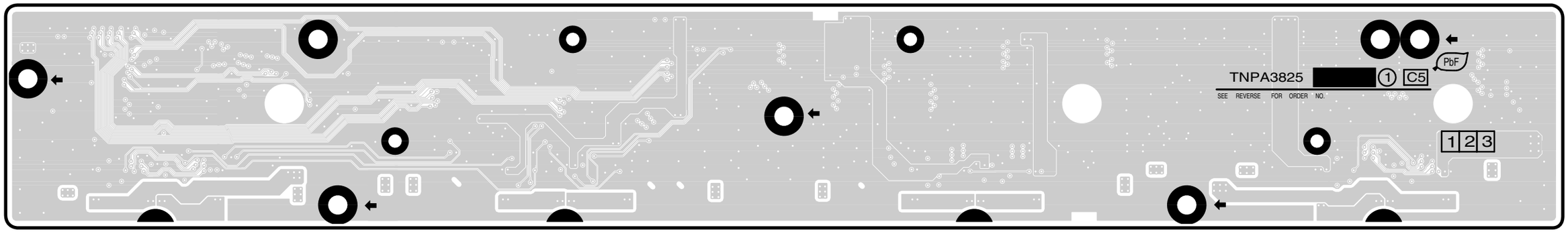


TH-50PV600E, TH-50PX600B
C4-BOARD TXNC41BETB

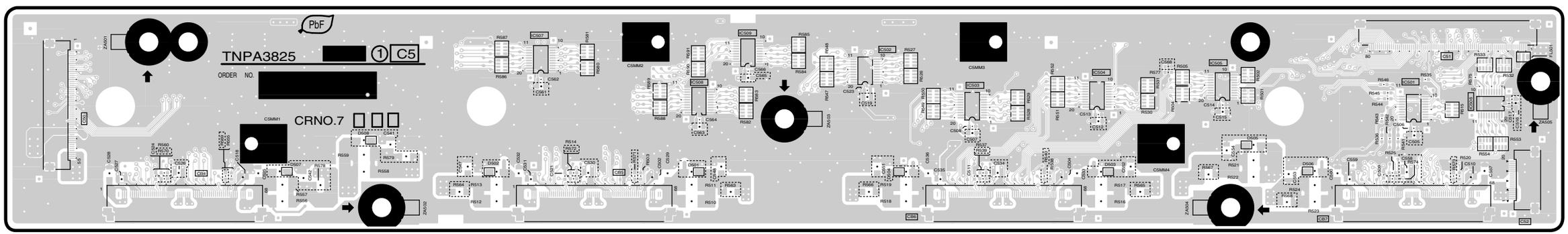
C5-BOARD	
IC	
IC7501	H-1
IC7502	E-2
IC7503	F-2
IC7504	G-2
IC7505	G-2
IC7506	I-2
IC7507	D-2
IC7508	D-2
IC7509	E-2



C5-BOARD (FOIL SIDE)
TXNC51BETB



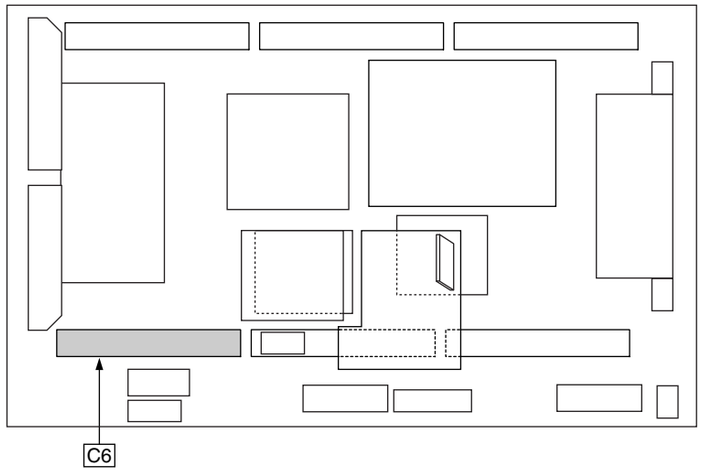
C5-BOARD (COMPONENT SIDE)
TXNC51BETB



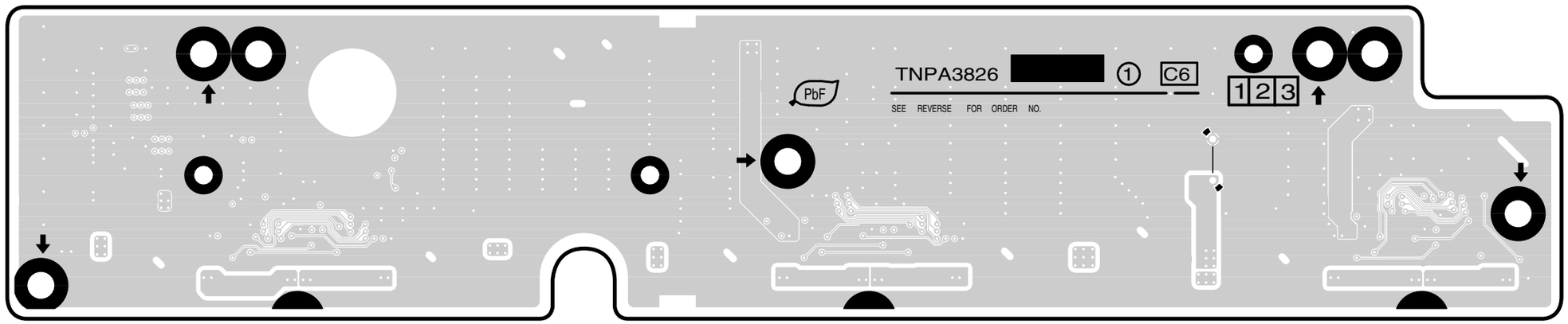
TH-50PV600E, TH-50PX600B
C5-BOARD TXNC51BETB

Parts Location

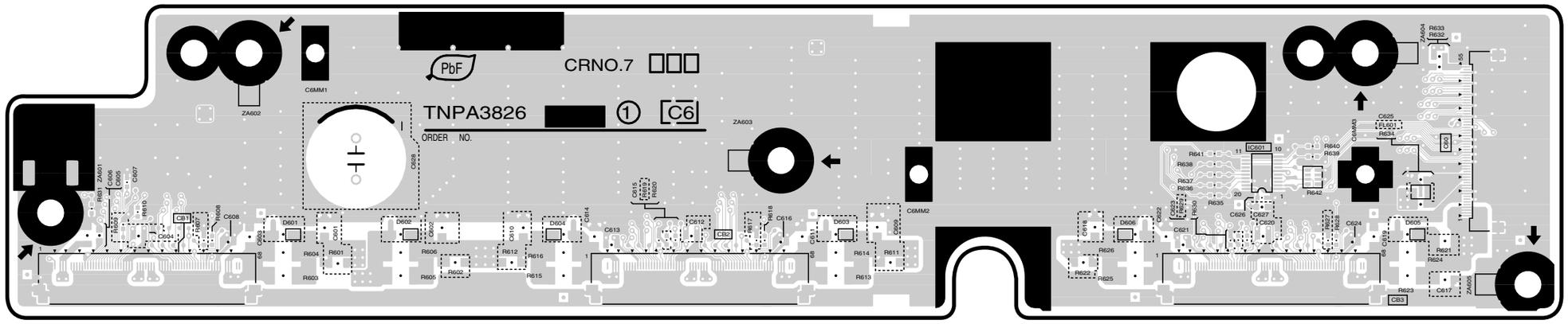
C6-BOARD	
IC	
IC7601	G-2



C6-BOARD (FOIL SIDE)
TXNC61BETB

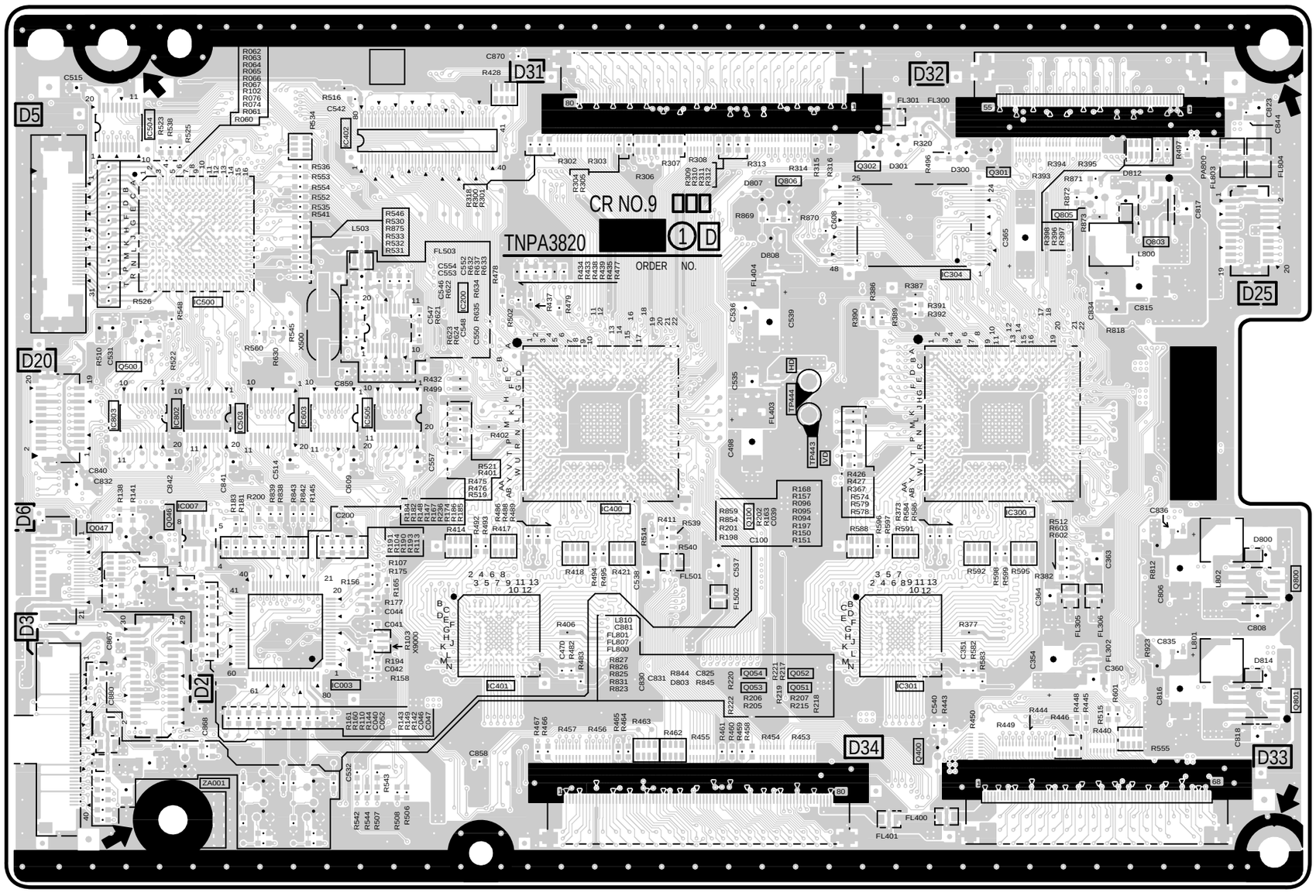


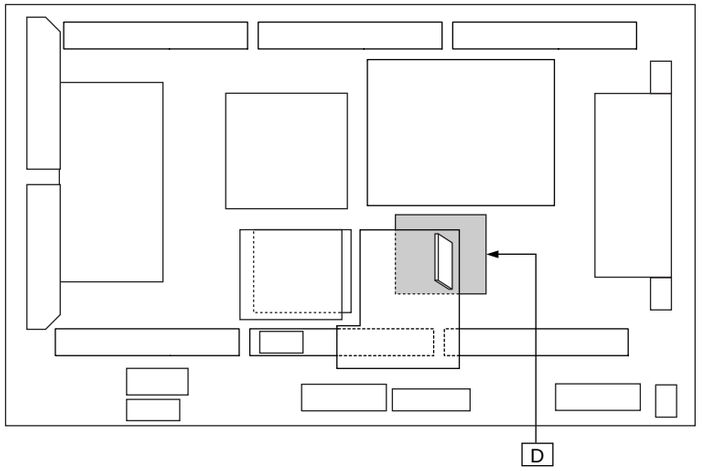
C6-BOARD (COMPONENT SIDE)
TXNC61BETB



TH-50PV600E, TH-50PX600B
C6-BOARD TXNC61BETB

D-BOARD (FOIL SIDE)
TZTNP01BETB



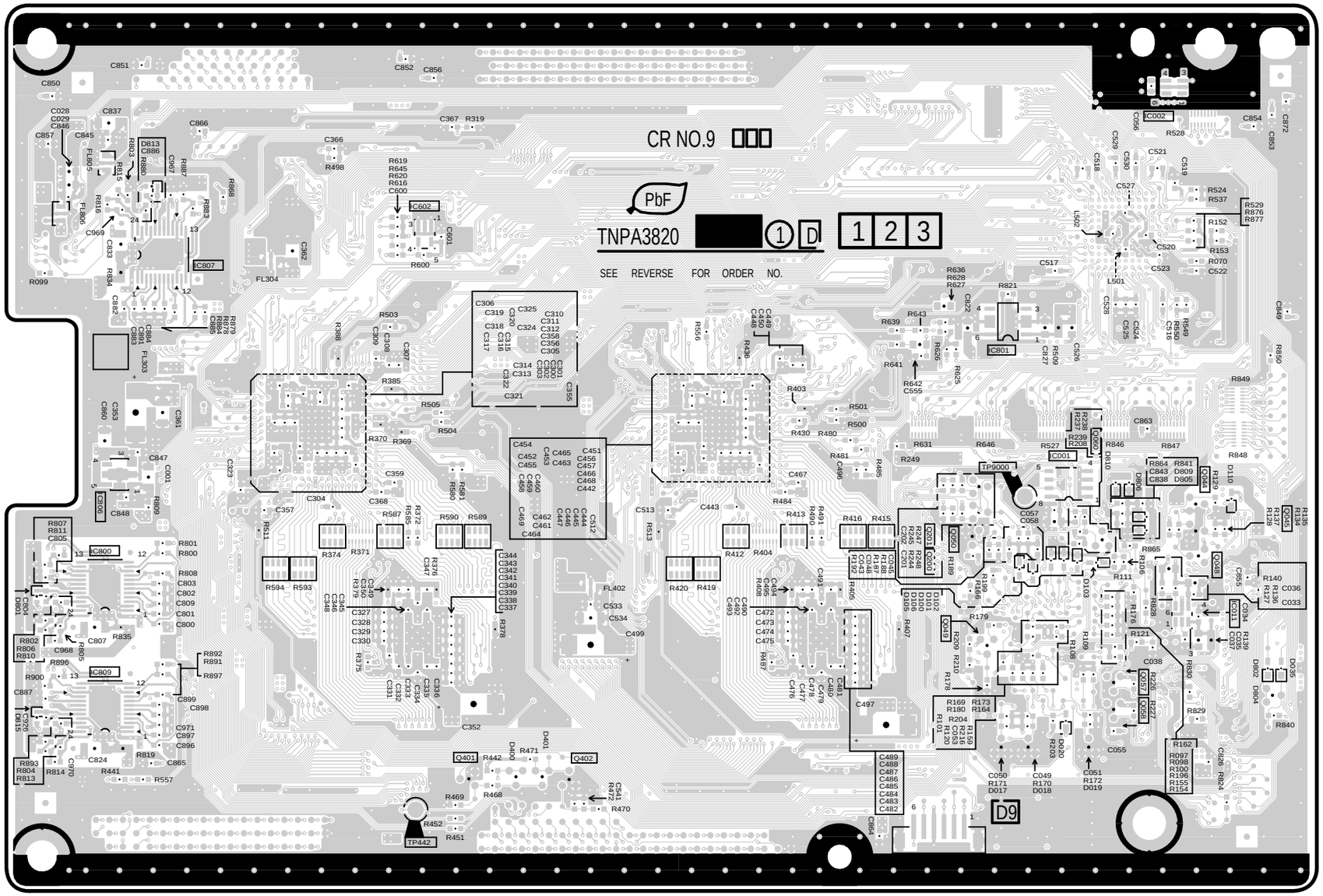


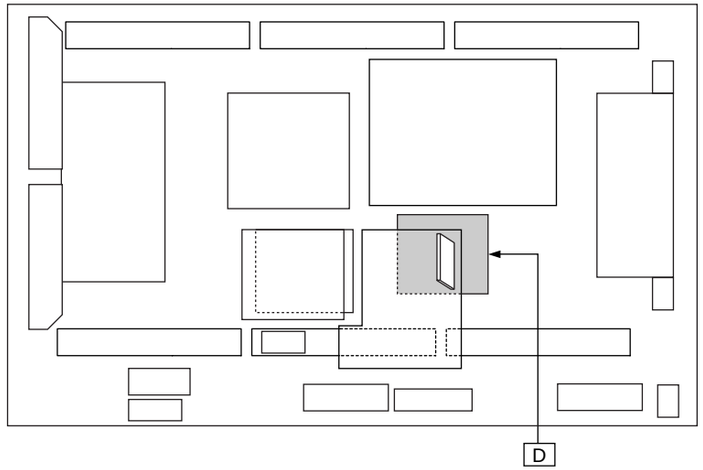
Parts Location

D-BOARD(COMPONENT SIDE)			
IC		**TRANSISTOR**	
IC9003	B-2	Q9046	B-3
IC9007	B-3	Q9047	A-3
IC9200	C-4	Q9051	E-2
IC9300	F-3	Q9052	E-2
IC9301	E-2	Q9053	D-2
IC9304	E-4	Q9054	D-2
IC9400	D-3	Q9100	D-3
IC9401	C-2	Q9301	E-4
IC9402	B-4	Q9302	E-4
IC9500	B-4	**TP**	
IC9503	B-3	TP443	E-3
IC9504	B-5	TP444	E-3
IC9505	C-3		
IC9603	B-3		
IC9802	B-3		
IC9803	A-3		

TH-50PV600E, TH-50PX600B
D-BOARD TZTNP01BETB

D-BOARD (FOIL SIDE)
TZTNP01BETB



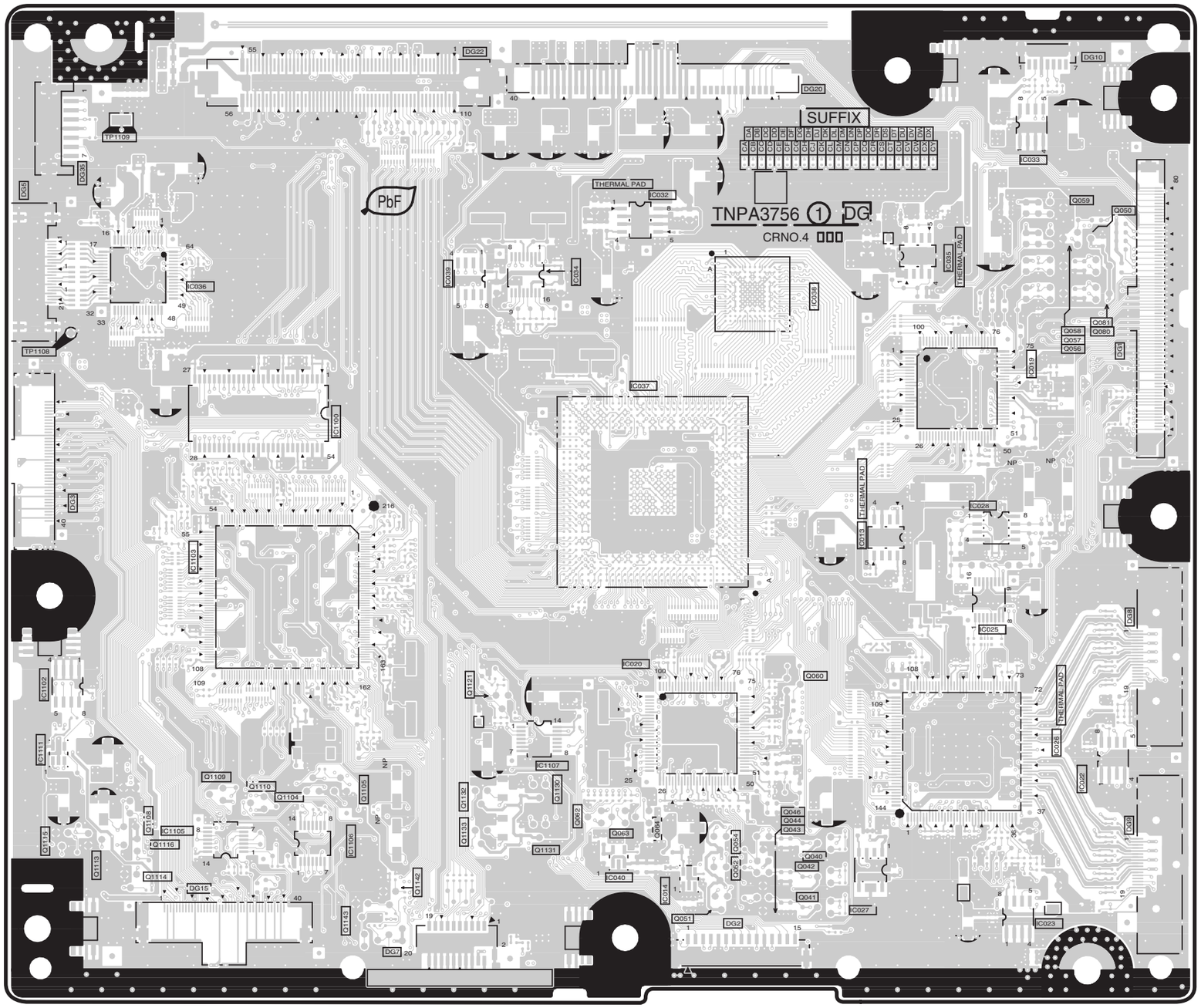


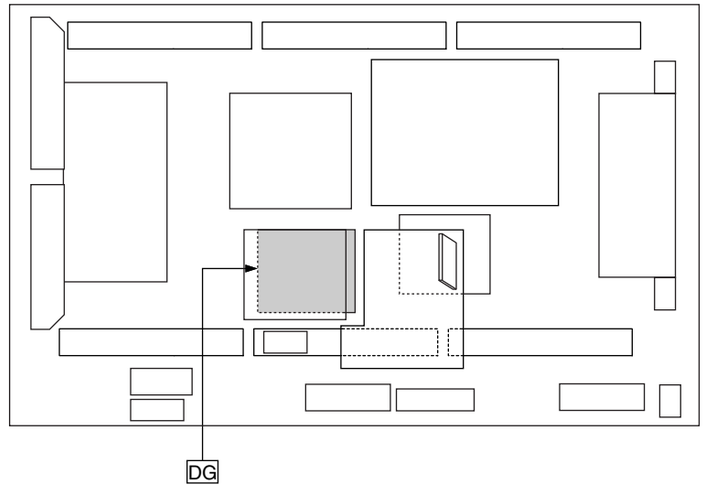
Parts Location

D-BOARD(FOIL SIDE)			
IC		Q9200	E-3
IC9001	F-3	Q9201	E-3
IC9002	F-5	Q9400	E-2
IC9011	G-2	Q9401	C-2
IC9602	C-4	Q9402	D-2
IC9800	A-3	Q9500	A-3
IC9801	E-4	Q9800	G-2
IC9806	A-3	Q9801	G-2
IC9807	B-4	Q9803	F-4
IC9809	A-2	Q9805	F-4
		Q9806	E-4
TRANSISTOR		**TP**	
Q9044	F-3	TP442	C-1
Q9045	G-3	TP9000	E-3
Q9048	F-3		
Q9049	E-2		
Q9050	E-3		
Q9057	F-2		
Q9058	F-2		
Q9060	F-3		

TH-50PV600E, TH-50PX600B
D-BOARD TZTNP01BETB

DG-BOARD (COMPONENT SIDE)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)





Parts Location

DG-BOARD (COMPONENT SIDE)					
IC		**TRANSISTOR**		Q4056	F-4
IC1100	C-4	Q1104	B-2	Q4057	F-4
IC1102	A-2	Q1105	C-2	Q4058	F-4
IC1103	B-3	Q1108	B-2	Q4059	F-5
IC1105	B-2	Q1109	B-2	Q4060	E-2
IC1106	C-2	Q1110	B-2	Q4062	D-2
IC1107	D-2	Q1113	A-2	Q4063	D-2
IC1111	A-2	Q1114	B-2	Q4064	D-2
IC4013	E-3	Q1115	A-2	Q4080	F-4
IC4014	D-1	Q1116	B-2	Q4081	F-4
IC4019	F-4	Q1121	C-2	**TP**	
IC4020	D-3	Q1130	D-2	TP1108	A-4
IC4022	F-2	Q1131	D-2	TP1109	A-5
IC4023	F-1	Q1132	C-2		
IC4025	F-3	Q1133	C-2		
IC4026	F-2	Q1142	C-1		
IC4027	E-1	Q1143	C-1		
IC4028	F-3	Q4040	E-2		
IC4032	D-5	Q4041	E-1		
IC4033	F-5	Q4042	E-2		
IC4034	D-4	Q4043	E-2		
IC4035	E-4	Q4044	E-2		
IC4036	B-4	Q4046	E-2		
IC4037	D-4	Q4050	F-5		
IC4038	E-4	Q4051	D-1		
IC4039	C-4	Q4052	D-2		
IC4040	D-2	Q4054	D-2		

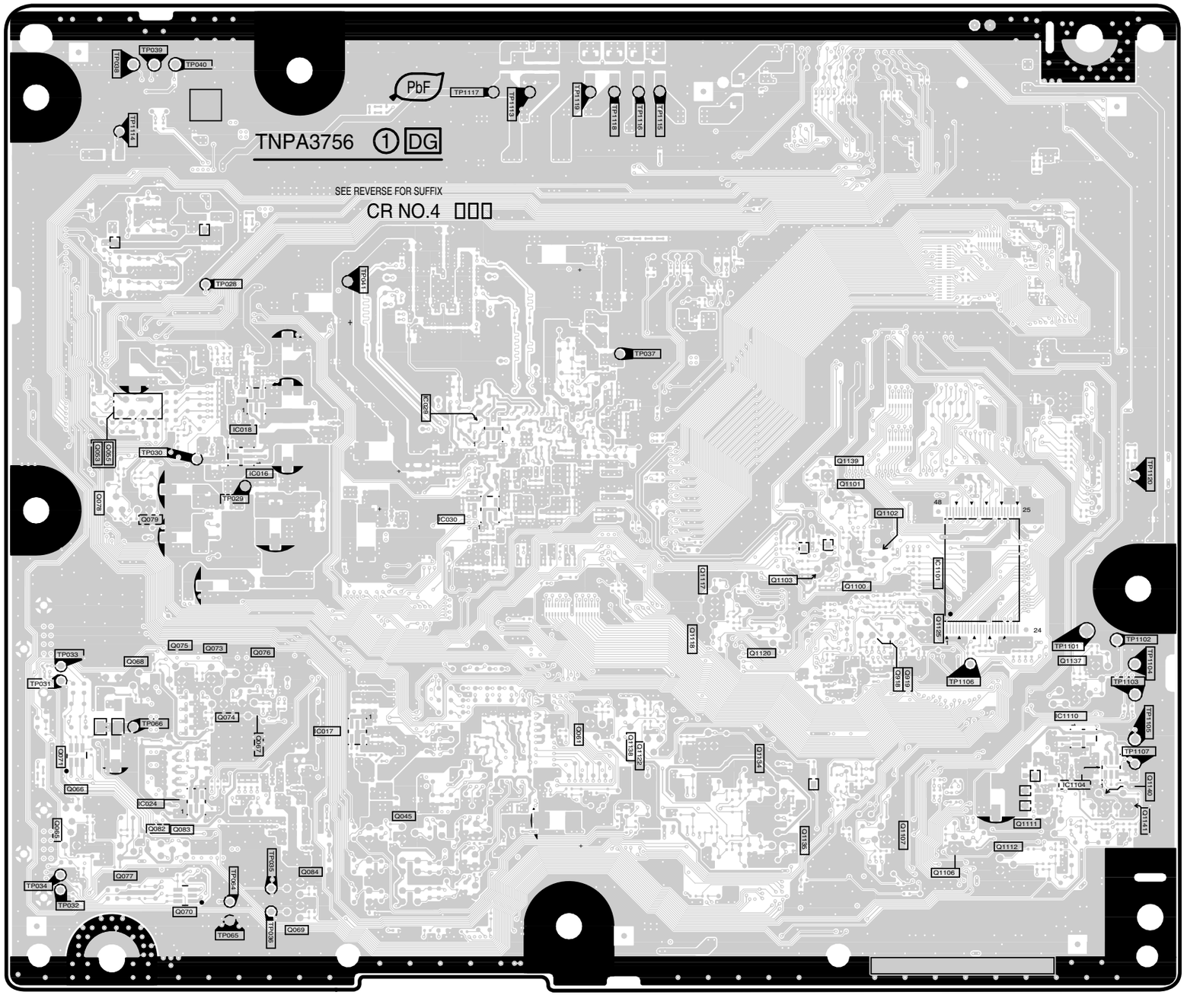
TH-50PV600E
DG-BOARD TNPA3756CA

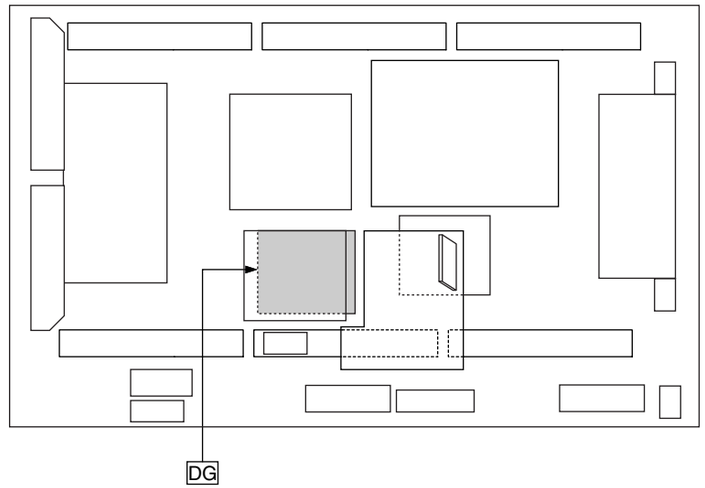
TH-50PX600B
DG-BOARD TNPA3756CG

TH-50PV600E
DG-BOARD TNPA3756CA

TH-50PX600B
DG-BOARD TNPA3756CG

DG-BOARD (FOIL SIDE)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)





Parts Location

DG-BOARD (FOIL SIDE)					
IC		Q4045	C-2	**TP**	
IC1101	E-3	Q4053	A-3	TP1101	F-3
IC1104	F-2	Q4055	A-3	TP1102	F-3
IC1110	F-2	Q4061	D-2	TP1103	F-2
IC4016	B-3	Q4065	A-2	TP1104	F-2
IC4017	B-2	Q4066	A-2	TP1105	F-2
IC4018	B-4	Q4067	B-2	TP1106	F-2
IC4024	B-2	Q4068	B-2	TP1107	F-2
IC4029	C-4	Q4069	B-1	TP1113	C-5
IC4030	C-3	Q4070	B-1	TP1114	B-5
TRANSISTOR		Q4071	A-2	TP1115	D-5
Q1100	E-3	Q4073	B-3	TP1116	D-5
Q1101	E-3	Q4074	B-2	TP1117	C-5
Q1102	E-3	Q4075	B-3	TP1118	D-5
Q1103	E-3	Q4076	B-3	TP1119	D-5
Q1106	E-1	Q4077	B-1	TP1120	F-3
Q1107	E-2	Q4078	A-3	TP4028	B-4
Q1111	F-2	Q4079	B-3	TP4029	B-3
Q1112	F-2	Q4082	B-2	TP4030	B-3
Q1117	D-3	Q4083	B-2	TP4031	A-2
Q1118	D-3	Q4084	B-1	TP4032	A-4
Q1120	E-3	Q4918	E-2	TP4033	A-3
Q1122	D-2	Q4919	E-2	TP4034	A-1
Q1125	E-3			TP4035	B-1
Q1134	E-2			TP4036	B-1
Q1135	E-2			TP4037	D-4
Q1137	F-2			TP4038	B-5
Q1138	D-2			TP4039	B-5
Q1139	E-3			TP4040	B-5
Q1140	F-2			TP4041	C-4
Q1141	F-2			TP4064	B-1
				TP4065	B-1
				TP4066	B-2

TH-50PV600E
DG-BOARD TNPA3756CA

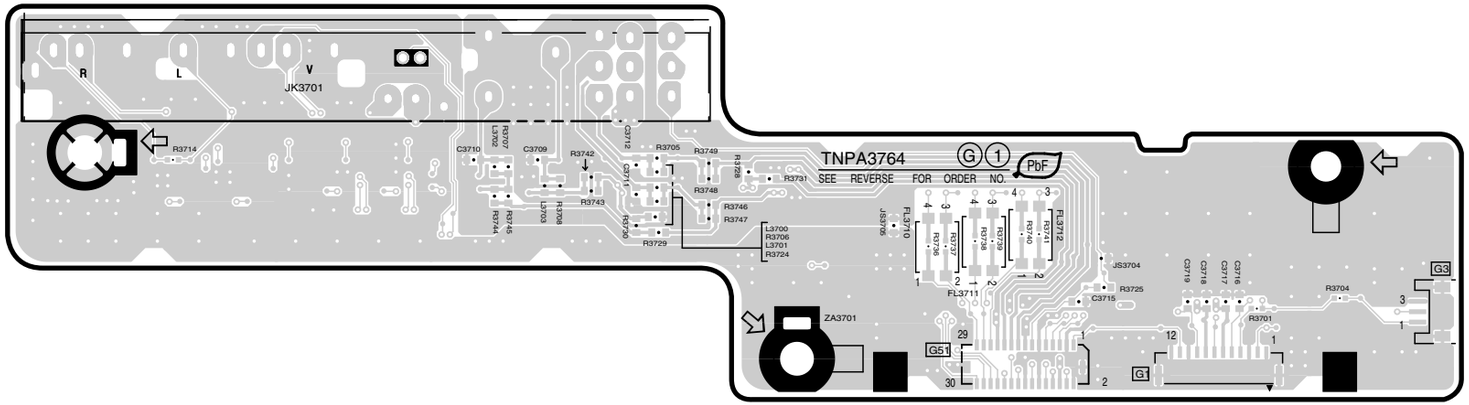
TH-50PX600B
DG-BOARD TNPA3756CG

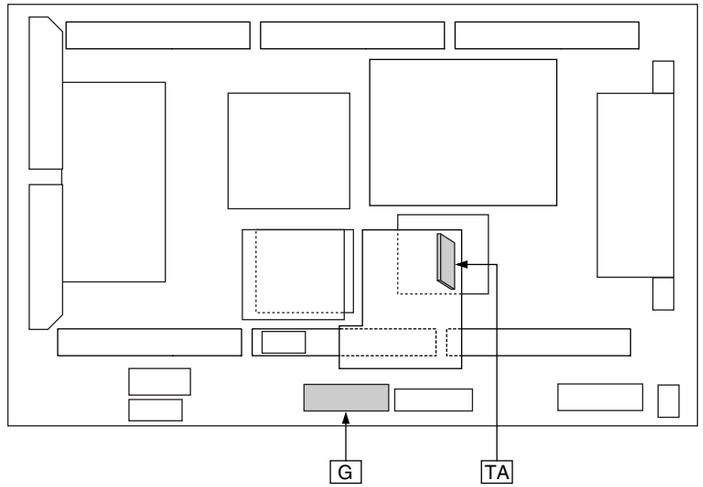
TH-50PV600E
DG-BOARD TNPA3756CA

TH-50PX600B
DG-BOARD TNPA3756CG

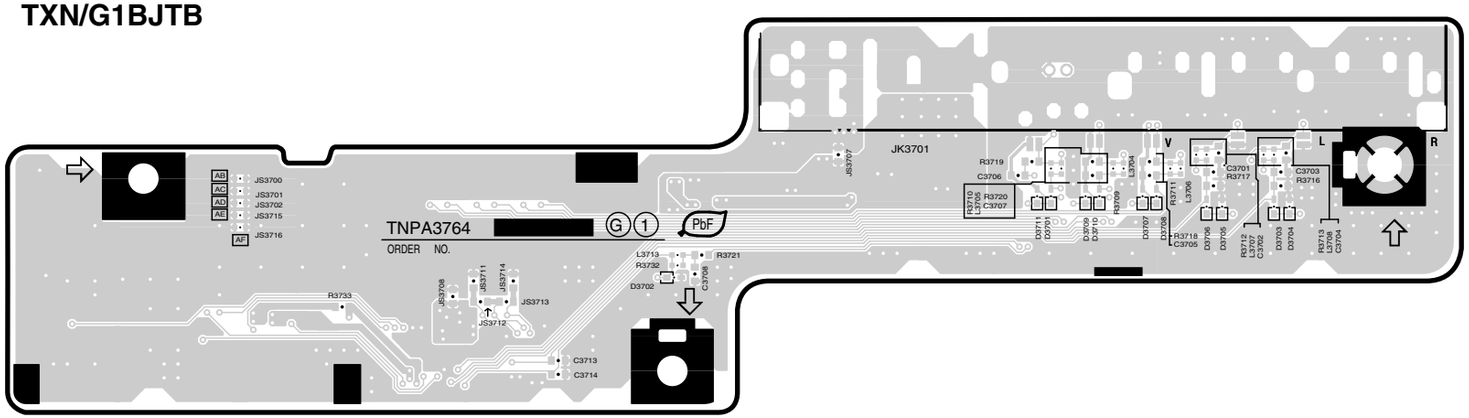
A B C D E F G H I

G-BOARD (FOIL SIDE)
TXN/G1BJTB

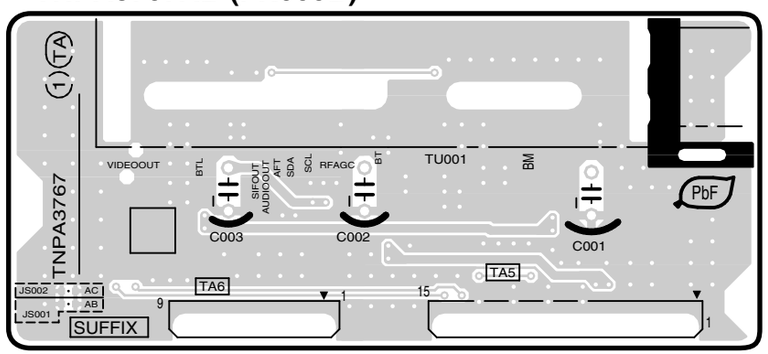




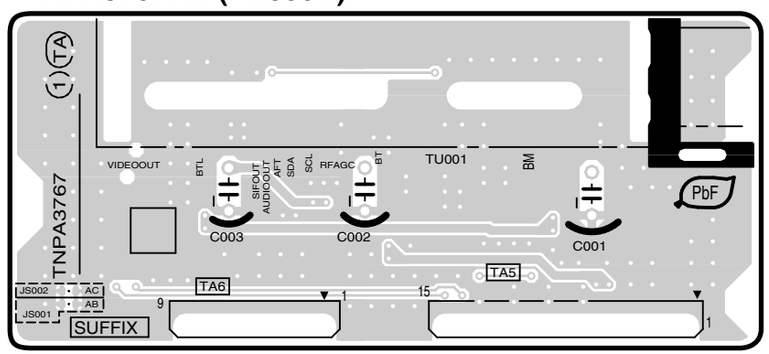
G-BOARD (COMPONENT SIDE)
TXN/G1BJTB



TA-BOARD (FOIL SIDE)
TNPA3767 (PV600E)
TNPA3767AB (PX600B)



TA-BOARD (COMPONENT SIDE)
TNPA3767 (PV600E)
TNPA3767AB (PX600B)



TH-50PV600E, TH-50PX600B
G-BOARD TXN/G1BJTB

TH-50PV600E
TA-BOARD TNPA3767

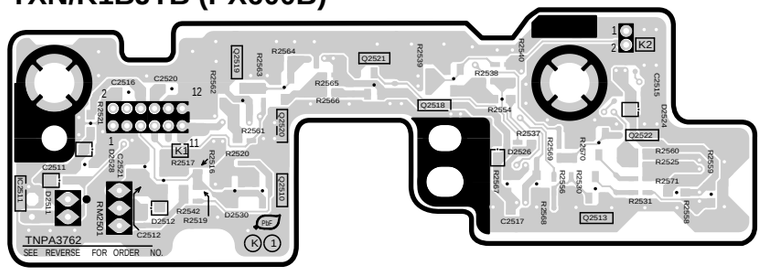
TH-50PX600B
TA-BOARD TNPA3767AB

TH-50PV600E, TH-50PX600B
G-BOARD TXN/G1BJTB

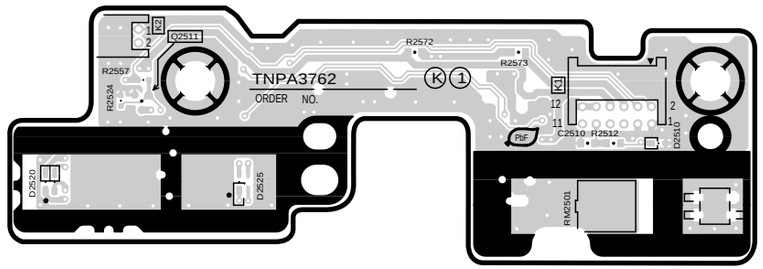
TH-50PV600E
TA-BOARD TNPA3767

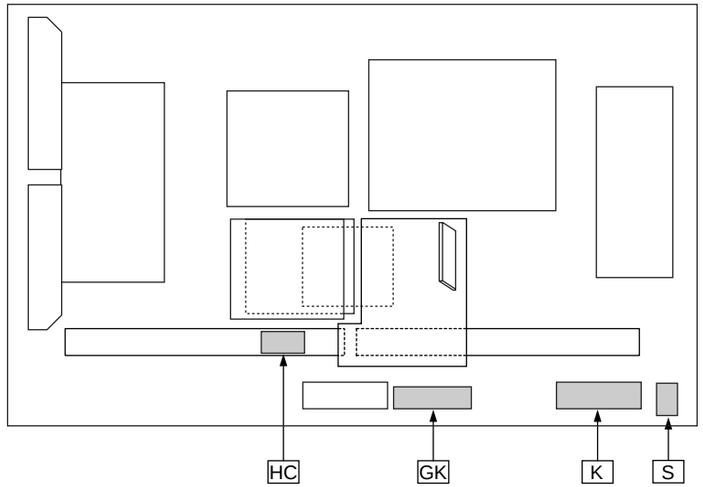
TH-50PX600B
TA-BOARD TNPA3767AB

K-BOARD (FOIL SIDE)
TXN/K1BJTE (PV600E)
TXN/K1BJTB (PX600B)

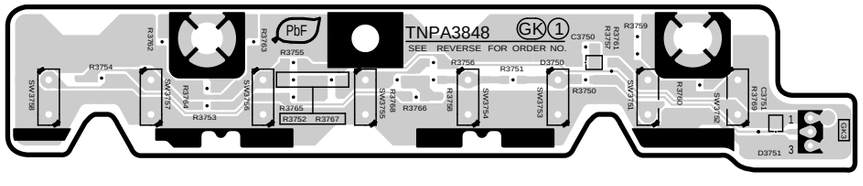


K-BOARD (COMPONENT SIDE)
TXN/K1BJTE (PV600E)
TXN/K1BJTB (PX600B)

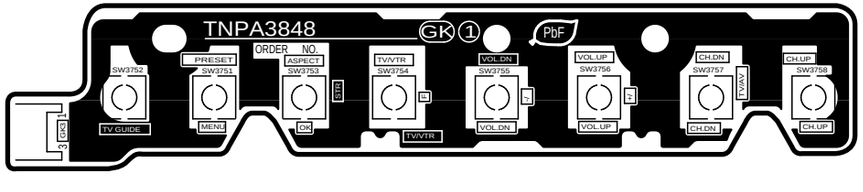




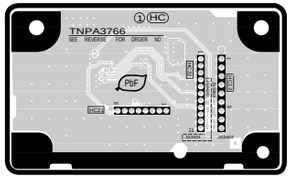
GK-BOARD (FOIL SIDE)
TXNGK1BJTB



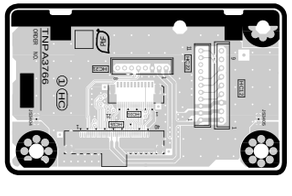
GK-BOARD (COMPONENT SIDE)
TXNGK1BJTB



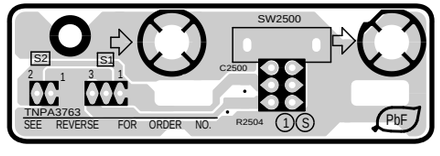
HC-BOARD (FOIL SIDE)
TNPA3766



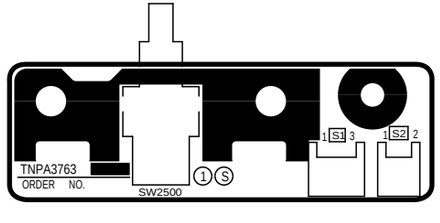
HC-BOARD (COMPONENT SIDE)
TNPA3766



S-BOARD (FOIL SIDE)
TXN/S1BJTB



S-BOARD (COMPONENT SIDE)
TXN/S1BJTB



TH-50PV600E, TH-50PX600B
GK-BOARD TXNGK1BJTB
HC-BOARD TNPA3766
S-BOARD TXN/S1BJTB

TH-50PV600E
K-BOARD TXN/K1BJTE

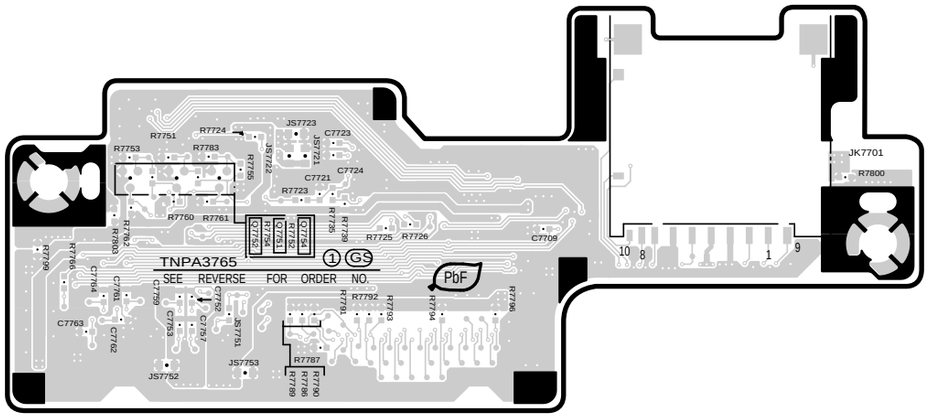
TH-50PX600B
K-BOARD TXN/K1BJTB

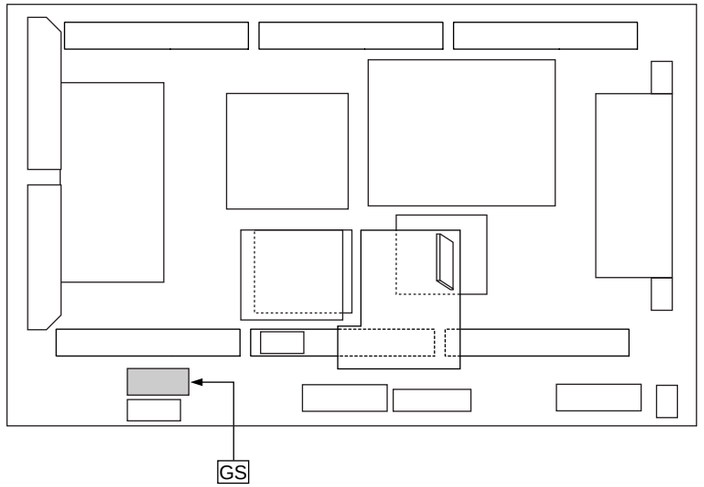
TH-50PV600E, TH-50PX600B
GK-BOARD TXNGK1BJTB
HC-BOARD TNPA3766
S-BOARD TXN/S1BJTB

TH-50PV600E
K-BOARD TXN/K1BJTE

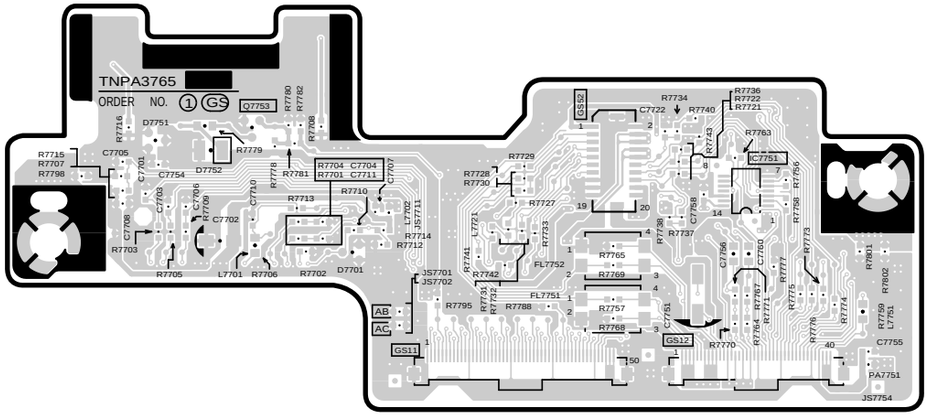
TH-50PX600B
K-BOARD TXN/K1BJTB

GS-BOARD (FOIL SIDE)
TXNGS1BETB





GS-BOARD (COMPONENT SIDE)
TXNGS1BETB

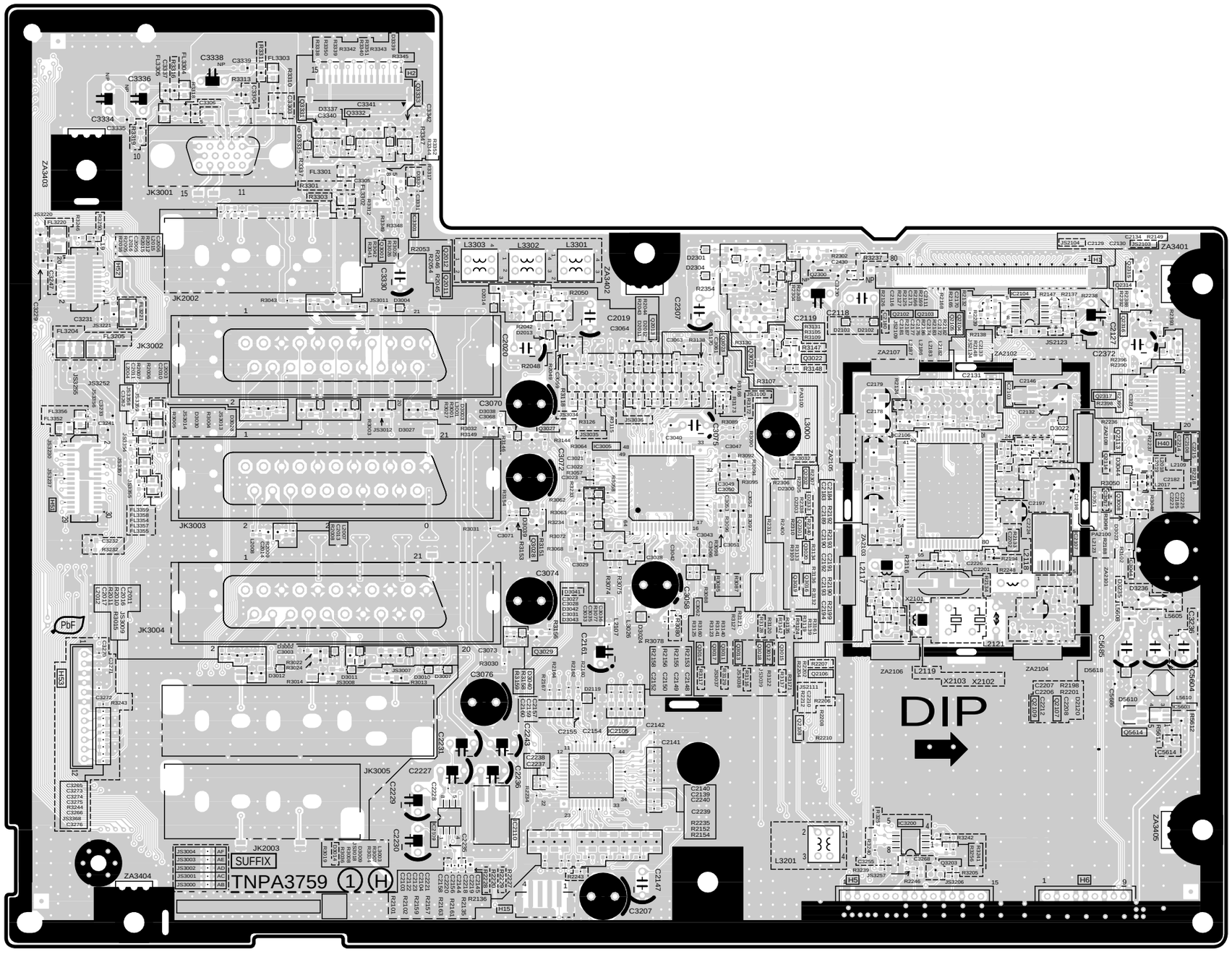


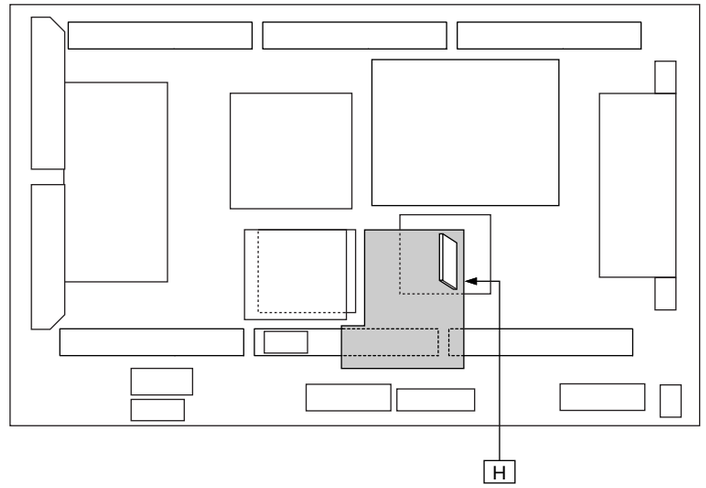
Parts Location

GS-BOARD	
IC	
IC7751	D-2
TRANSISTOR	
Q7751	B-5
Q7752	B-5
Q7753	B-2
Q7754	B-5

TH-50PV600E, TH-50PX600B
GS-BOARD TXNGS1BETB

H-BOARD (COMPONENT SIDE)
TNPA3759





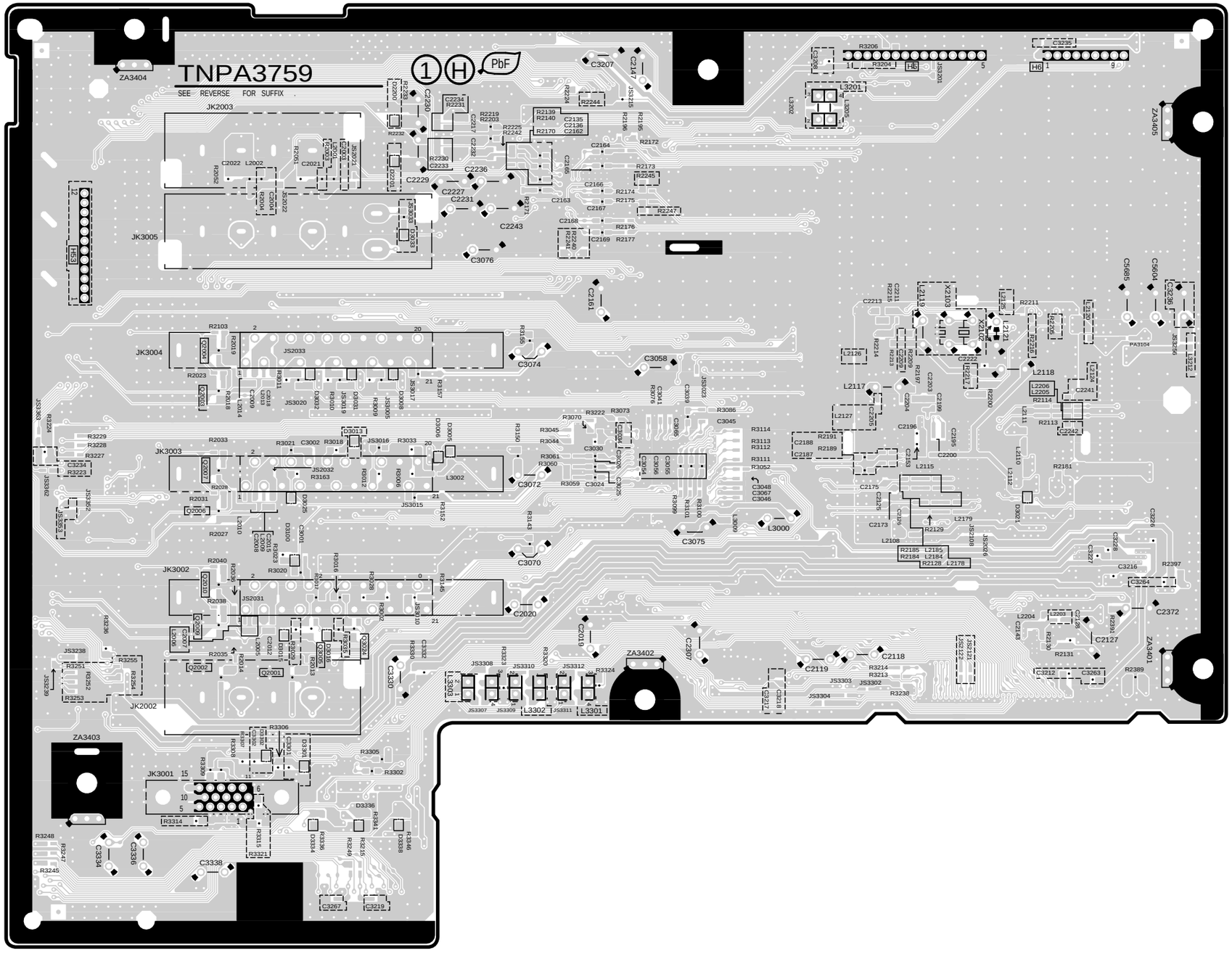
Parts Location

H-BOARD (COMPONENT SIDE)

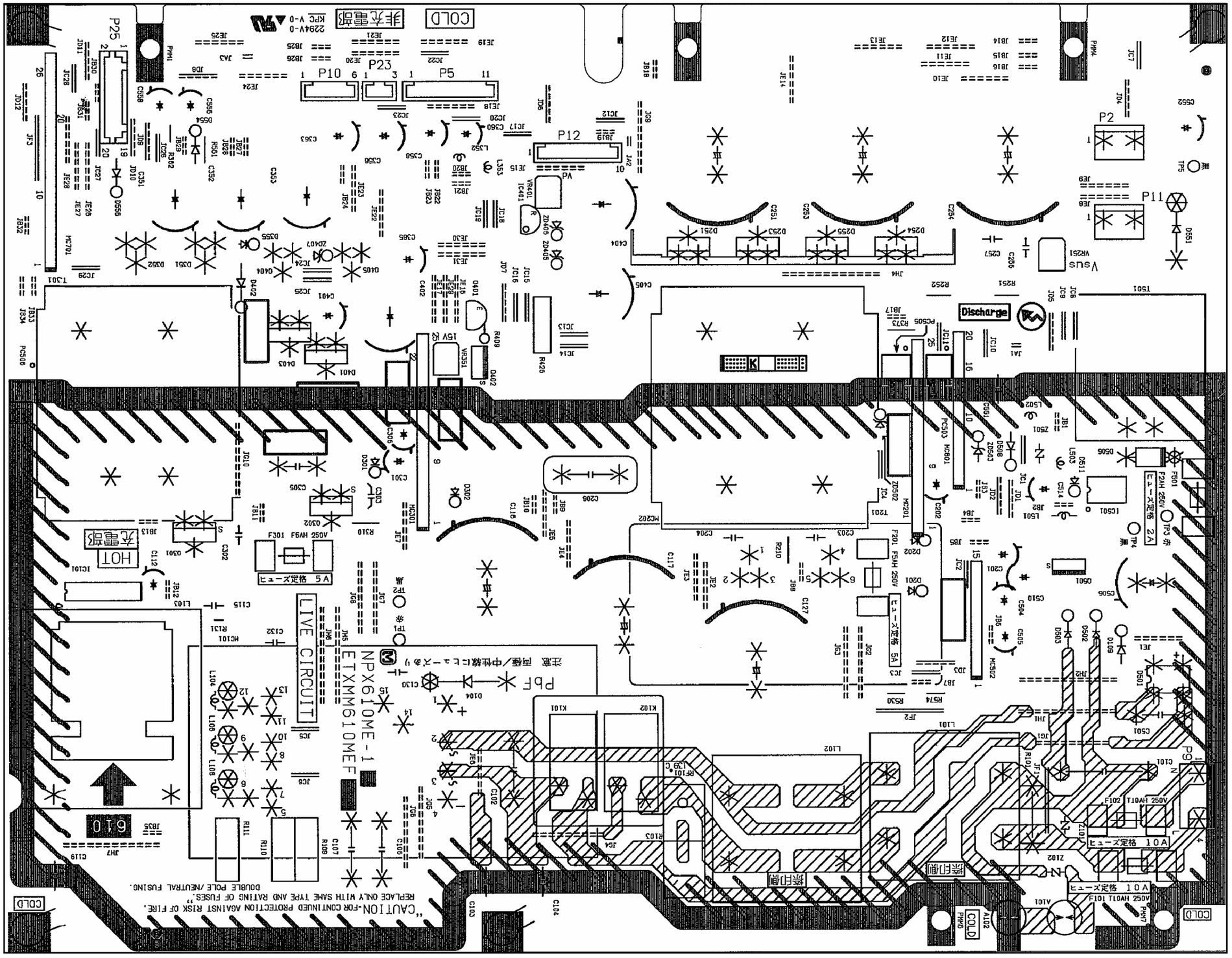
IC		Q2316	F-4
IC2103	F-4	Q2317	F-4
IC2104	F-4	Q3001	C-5
IC2105	D-2	Q3008	F-3
IC2106	E-4	Q3011	D-3
IC2107	F-3	Q3012	E-3
IC2108	G-4	Q3013	D-3
IC2109	C-2	Q3014	D-3
IC2110	C-2	Q3015	E-3
IC3005	D-4	Q3016	E-3
IC3200	E-2	Q3017	D-3
IC3301	C-5	Q3018	E-3
IC5603	G-2	Q3019	E-3
TRANSISTOR		Q3020	E-3
Q2011	C-4	Q3021	D-4
Q2012	C-5	Q3022	E-4
Q2013	C-4	Q3023	D-4
Q2102	E-4	Q3027	C-4
Q2103	E-4	Q3028	C-3
Q2104	E-4	Q3029	C-3
Q2105	E-4	Q3203	E-2
Q2106	E-2	Q3331	B-5
Q2107	F-2	Q3332	B-5
Q2108	E-2	Q3333	C-5
Q2109	F-2	Q5614	F-2
Q2113	F-4		
Q2114	F-4		
Q2300	E-4		
Q2301	E-3		
Q2302	E-3		
Q2314	F-4		
Q2315	F-5		

TH-50PV600E, TH-50PX600B
H-BOARD TNPA3759

H-BOARD (FOIL SIDE)
TNPA3759

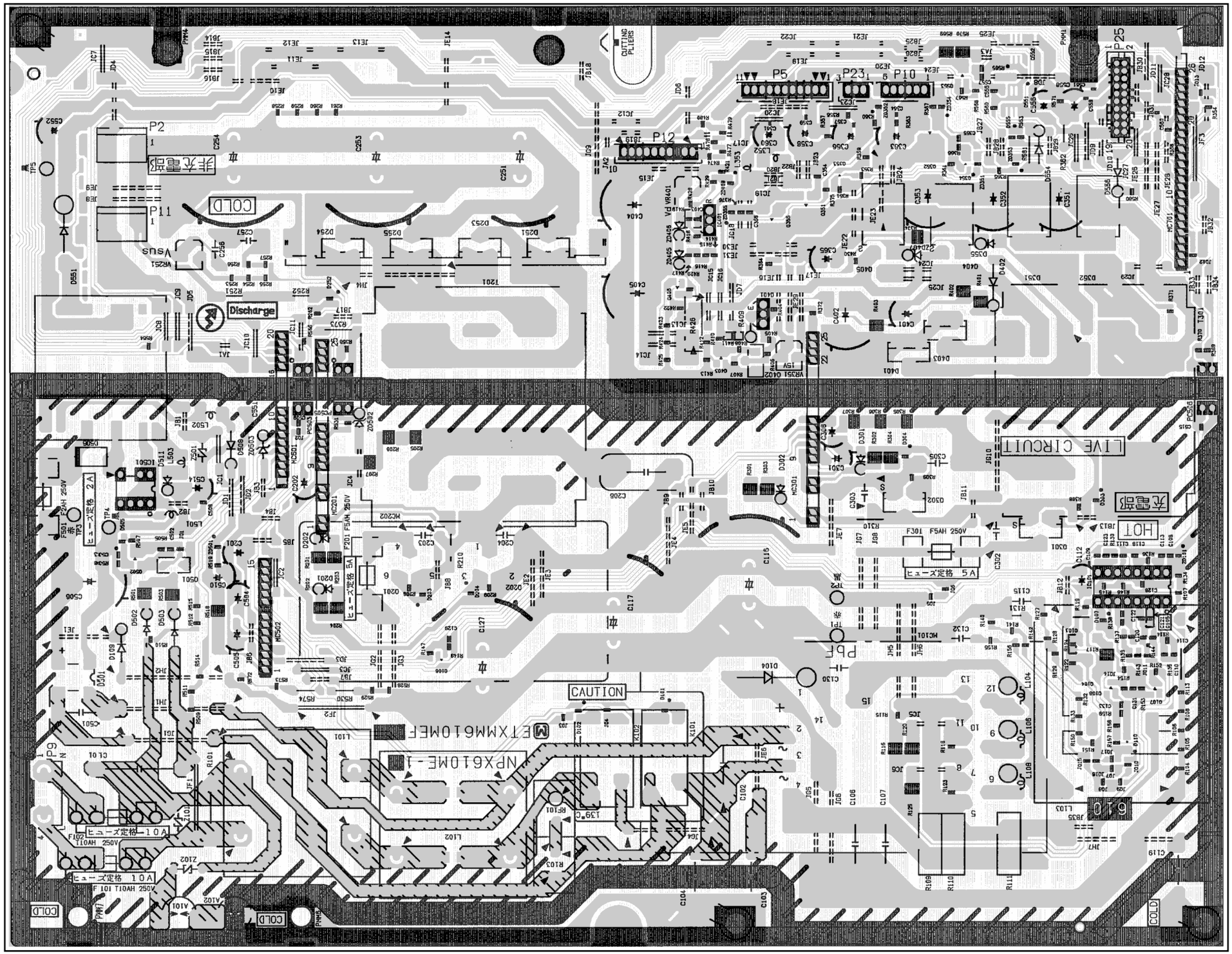


P-BOARD (COMPONENT SIDE)
ETXMM610MEF

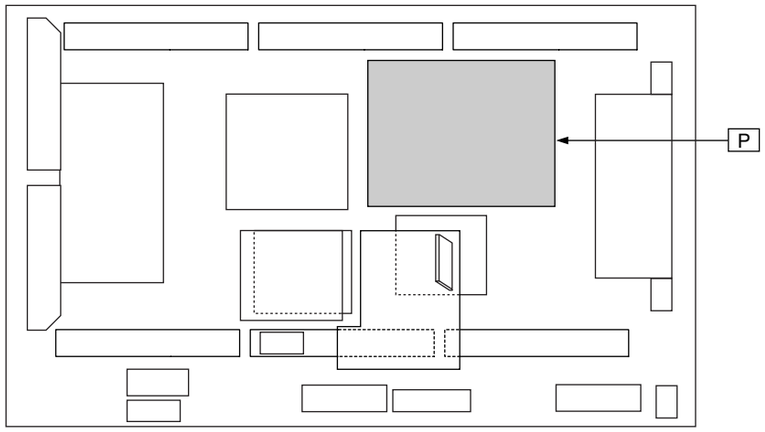


TH-50PV600E, TH-50PX600B
P-BOARD ETXMM610MEF

P-BOARD (FOIL SIDE)
ETXMM610MEF



TH-50PV600E, TH-50PX600B
P-BOARD ETXMM610MEF



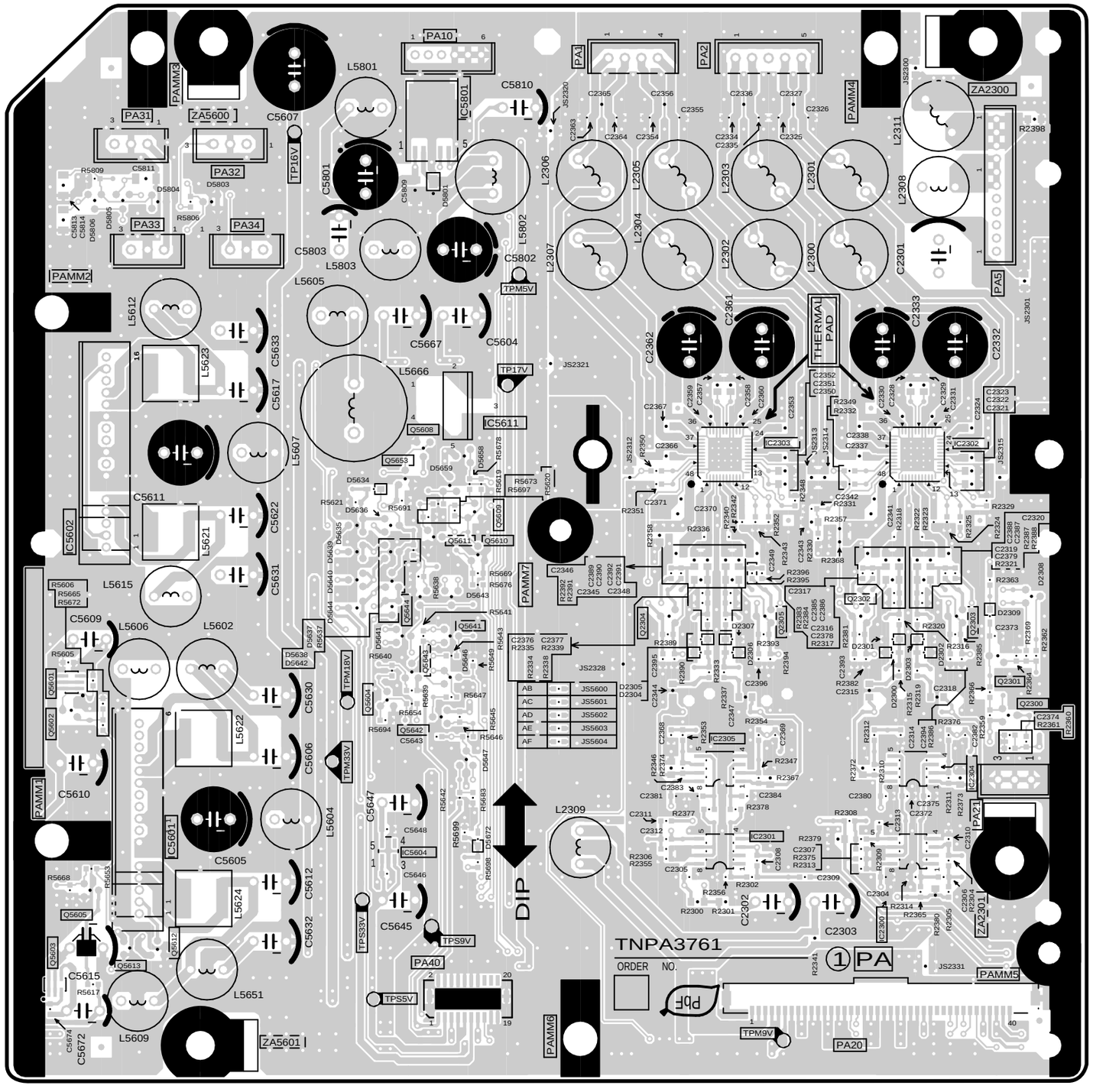
Parts Location

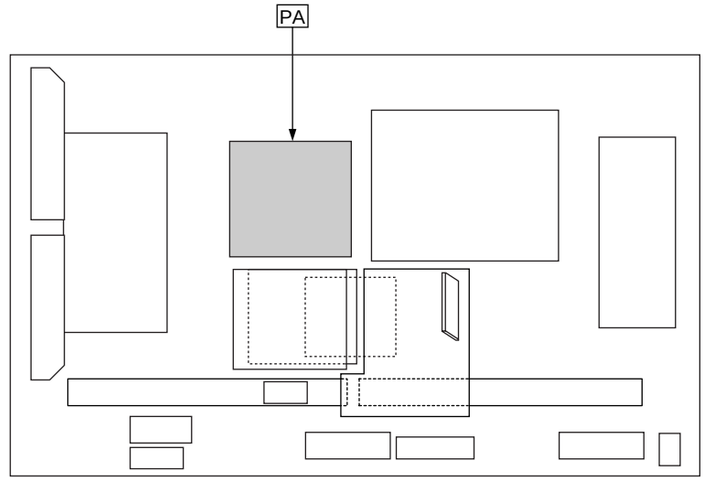
P-BOARD (FOIL SIDE)			
IC		**TRANSISTOR**	
IC101	H-3	Q103	H-2
IC401	F-5	Q104	H-2
IC501	B-3	Q106	H-2
		Q301	H-3
MODULE		Q302	G-3
MC101	G-3	Q351	F-5
MC201	C-3	Q352	G-5
MC202	D-3	Q353	F-5
MC301	F-3	Q354	F-4
MC502	C-2	Q401	F-4
MC601	C-4	Q402	G-4
MC701	H-5	Q403	E-4
PHOTO COUPLER		Q404	G-5
PC503	C-4	Q405	F-5
PC505	C-4	Q406	E-4
PC506	H-4	Q501	B-3
VOLUME		Q502	B-3
VR251	C-5	Q551	G-5
VR351	F-4	Q552	G-6
VR401	E-5	Q553	G-6

Parts Location

P-BOARD (COMPONENT SIDE)					
IC		**PHOTO COUPLER**		**VOLUME**	
IC101	B-3	PC503	G-4	VR251	H-5
IC401	E-5	PC505	G-4	VR351	D-4
IC501	H-3	PC506	B-4	VR401	E-5
MODULE		**TRANSISTOR**			
MC101	C-3	Q301	C-3		
MC201	G-3	Q302	C-3		
MC202	E-3	Q401	E-5		
MC301	D-3	Q402	D-4		
MC502	G-2	Q404	C-5		
MC601	G-4	Q405	D-5		
MC701	B-5	Q501	H-3		

PA-BOARD (COMPONENT SIDE)
TXNPA1BETB



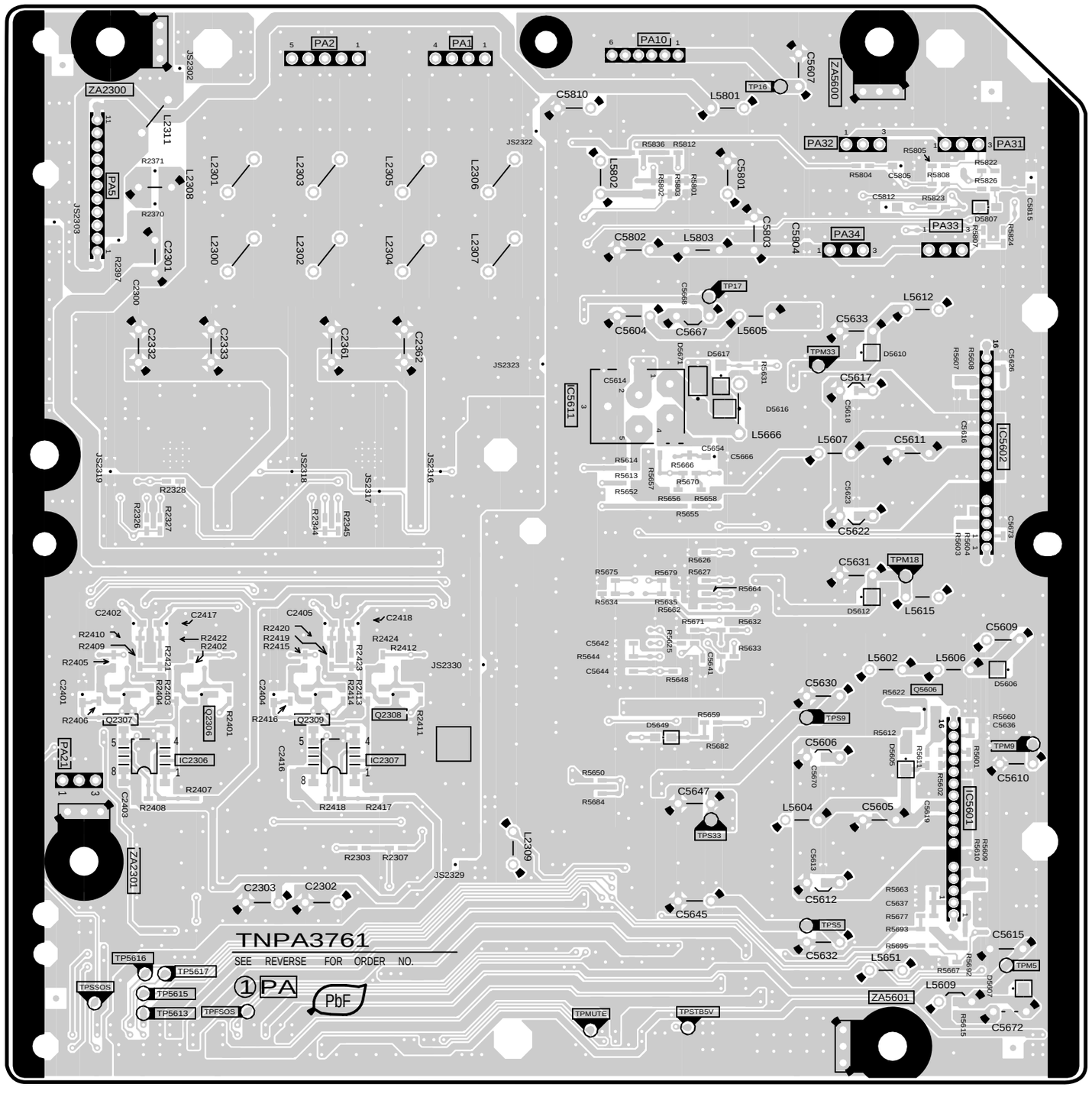


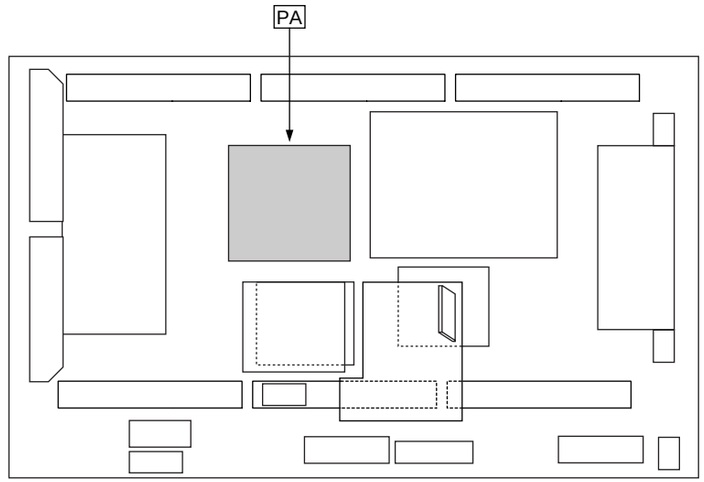
Parts Location

PA-BOARD (COMPONENT SIDE)					
IC		**TRANSISTOR**		**TP**	
IC2300	E-2	Q2300	F-3	TP16V	B-5
IC2301	D-2	Q2301	F-3	TP17V	C-4
IC2302	E-4	Q2302	E-2	TPM5V	C-5
IC2303	E-4	Q2303	E-3	TPM18V	B-3
IC2304	E-2	Q2304	D-3	TPM33V	B-2
IC2305	D-3	Q2305	E-3	TPS5V	C-1
IC5601	B-2	Q5601	A-3	TPS9V	C-2
IC5602	A-3	Q5602	A-3	TPS33V	C-2
IC5604	C-2	Q5603	A-1		
IC5611	C-4	Q5604	C-3		
IC5801	C-5	Q5605	A-2		
		Q5608	C-4		
		Q5609	C-4		
		Q5610	C-3		
		Q5611	C-3		
		Q5612	B-1		
		Q5613	A-1		
		Q5641	C-3		
		Q5642	C-3		
		Q5643	C-3		
		Q5644	C-3		
		Q5653	C-4		

TH-50PV600E, TH-50PX600B
PA-BOARD TXNPA1BETB

PA-BOARD (FOIL SIDE)
TXNPA1BETB



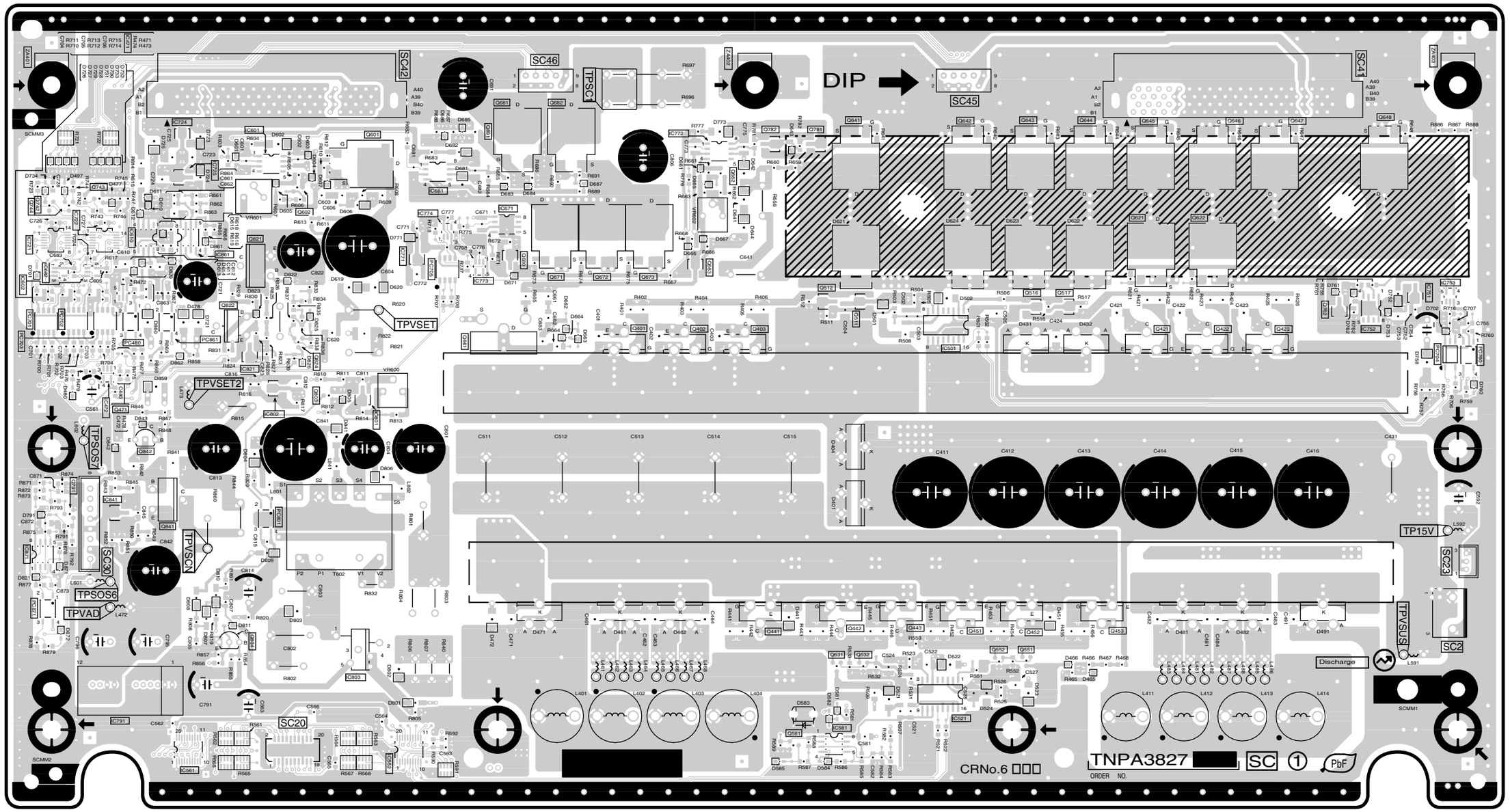


Parts Location

PA-BOARD (FOIL SIDE)			
IC		**TP**	
IC2306	B-2	TP16	D-6
IC2307	C-2	TP17	D-5
IC5601	E-2	TP5613	B-1
IC5602	F-4	TP5615	B-1
IC5611	D-4	TP5616	A-1
		TP5617	B-1
		TPFSOS	B-1
TRANSISTOR		TPM5	F-2
		TPM9	F-2
Q2306	B-3	TPM18	E-3
Q2307	A-2	TPM33	E-4
Q2308	C-3	TPMUTE	D-1
Q2309	B-3	TPS5	E-2
Q5606	E-3	TPS9	E-3
		TPS33	D-2
		TPSSOS	A-1
		TPSTB5V	D-1

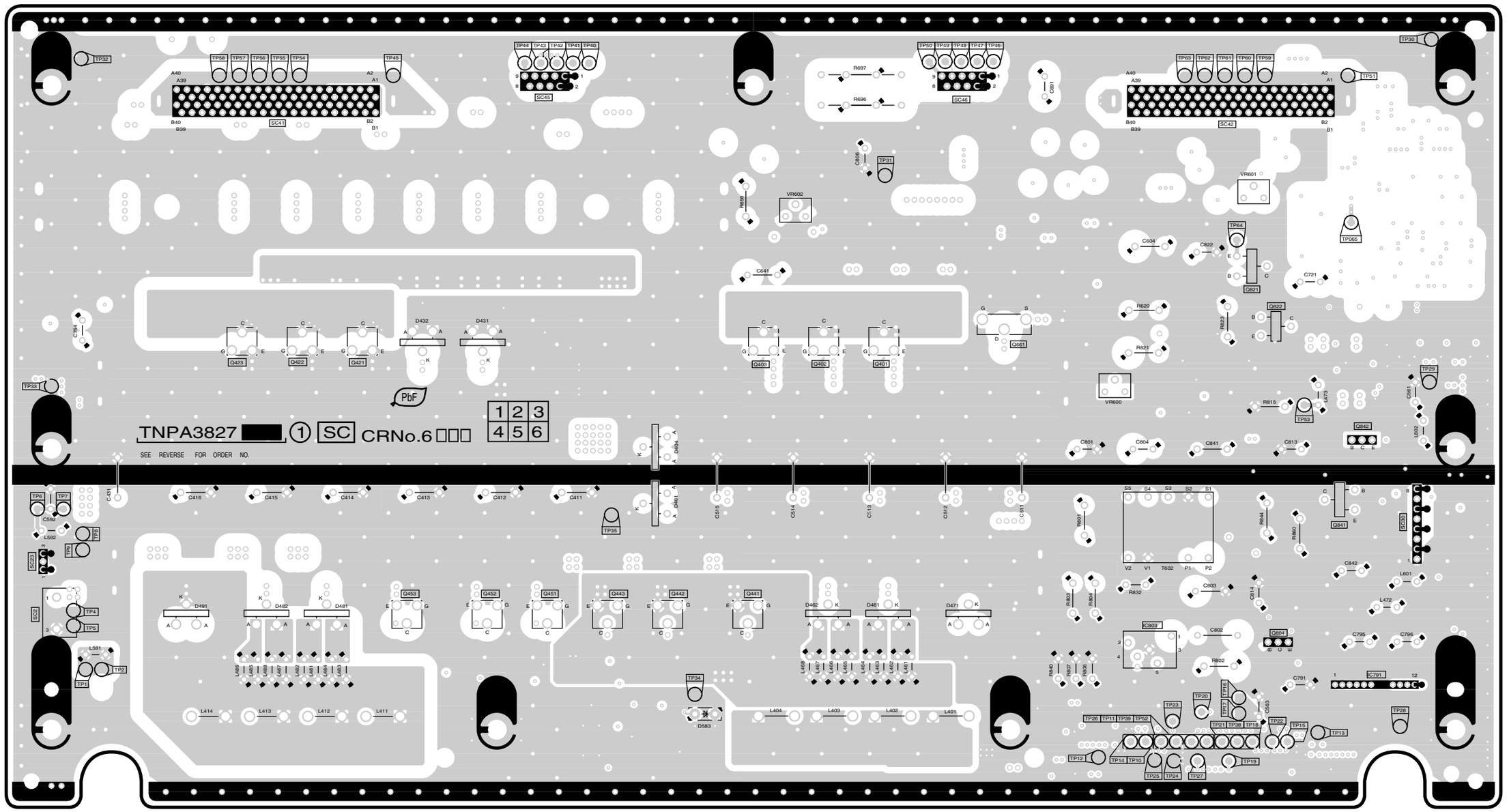
TH-50PV600E, TH-50PX600B
PA-BOARD TXNPA1BETB

SC-BOARD (COMPONENT SIDE)
TXNSC1BETB

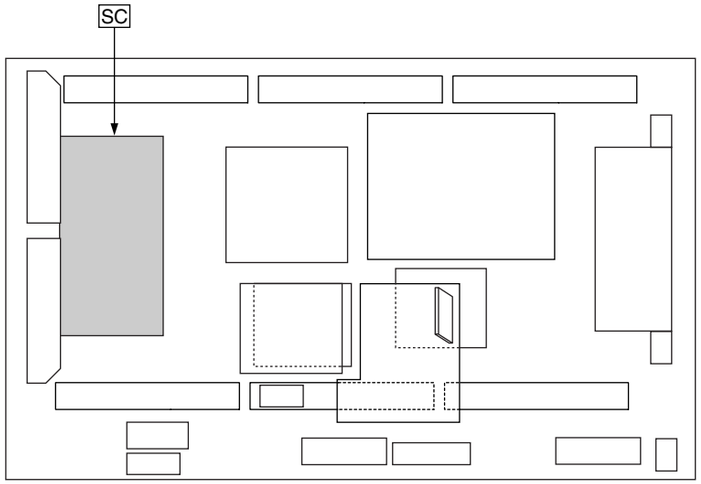


TH-50PV600E, TH-50PX600B
SC-BOARD TXNSC1BETB

SC-BOARD (FOIL SIDE)
TXNSC1BETB



TH-50PV600E, TH-50PX600B
SC-BOARD TXNSC1BETB



Parts Location

SC-BOARD (FOIL SIDE)

IC		TP		TP41	D-5
IC6791	H-2	TP1	B-2	TP42	D-5
IC6803	G-2	TP2	B-2	TP43	D-5
TRANSISTOR		TP4	A-2	TP44	D-5
Q6401	F-4	TP5	A-2	TP45	C-5
Q6402	E-4	TP6	A-3	TP46	F-5
Q6403	E-4	TP7	A-3	TP47	F-5
Q6421	C-4	TP8	B-3	TP48	F-5
Q6422	C-4	TP9	A-3	TP49	F-5
Q6423	B-4	TP10	G-1	TP50	F-5
Q6441	E-2	TP11	G-2	TP51	H-5
Q6442	E-2	TP12	G-1	TP52	G-2
Q6443	D-2	TP13	H-2	TP53	H-3
Q6451	D-2	TP14	G-1	TP54	C-5
Q6452	D-2	TP15	H-2	TP55	C-5
Q6453	C-2	TP16	H-2	TP56	B-5
Q6804	H-2	TP17	H-2	TP59	H-5
Q6821	H-4	TP18	H-2	TP60	H-5
Q6822	H-4	TP19	H-1	TP61	H-5
Q6841	H-3	TP20	G-2	TP62	G-5
Q6842	H-3	TP21	H-2	TP63	G-5
		TP22	H-2	TP64	H-4
		TP23	G-2	TP65	H-4
		TP24	G-1	TP67	B-5
		TP25	G-1	TP68	B-5
		TP26	G-2	**VOLUME**	
		TP27	G-1	VR6600	G-3
		TP28	H-2	VR6601	H-5
		TP29	I-4	VR6602	E-4
		TP30	I-5		
		TP31	F-5		
		TP32	B-5		
		TP33	A-3		
		TP34	E-2		
		TP35	D-3		
		TP38	H-2		
		TP39	G-2		
		TP40	D-5		

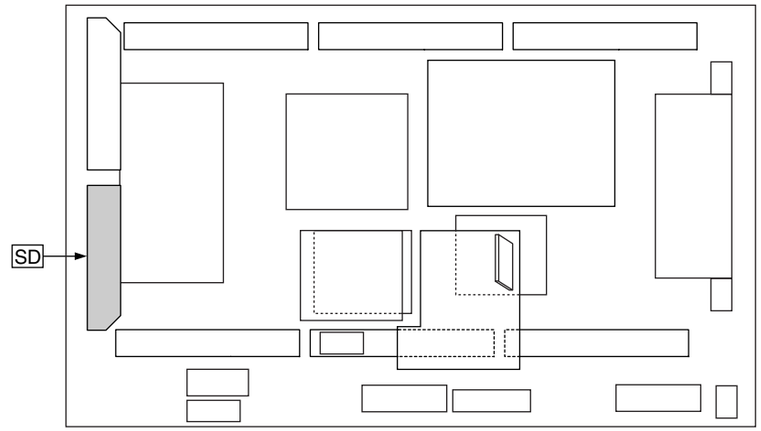
Parts Location

SC-BOARD (COMPONENT SIDE)

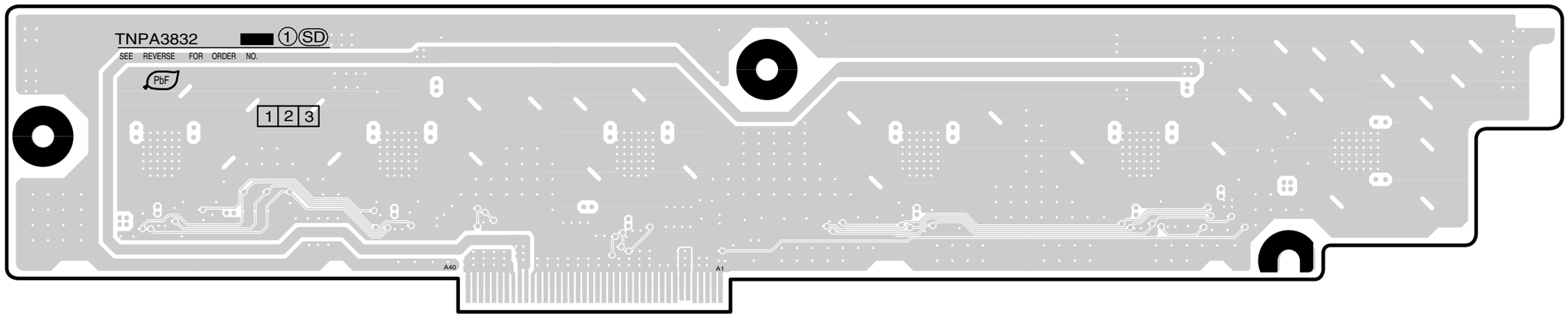
IC		PHOTO COUPLER		Q6601	C-5	TP	
IC6471	B-5	PC6480	B-4	Q6602	C-4	TP15V	I-3
IC6472	B-3	PC6701	A-4	Q6621	B-4	TPSC1	D-5
IC6501	F-4	PC6702	A-4	Q6622	G-4	TPSOS6	B-2
IC6521	F-2	PC6703	A-4	Q6641	F-5	TPSOS7	B-3
IC6561	B-1	PC6704	I-4	Q6642	F-5	TPVAD	B-2
IC6562	C-1	PC6705	C-4	Q6643	G-5	TPVSCN	B-3
IC6581	F-2	PC6760	I-4	Q6644	G-5	TPVSET	C-4
IC6601	B-5	PC6861	B-4	Q6645	G-5	TPVSET2	B-3
IC6602	A-4	PC6871	A-2	Q6646	H-5	TPVSUS	H-2
IC6610	B-4	**TRANSISTOR**		Q6647	H-5	**VOLUME**	
IC6671	D-4	Q6401	D-4	Q6648	H-5	VR6600	C-3
IC6681	C-4	Q6402	E-4	Q6661	D-4	VR6601	B-4
IC6682	A-4	Q6403	E-4	Q6662	E-5	VR6602	E-4
IC6721	A-4	Q6421	G-4	Q6663	E-4		
IC6722	A-4	Q6422	H-4	Q6671	D-4		
IC6724	B-5	Q6423	H-4	Q6672	D-4		
IC6725	B-5	Q6441	E-2	Q6673	D-4		
IC6751	I-4	Q6442	F-2	Q6680	D-4		
IC6752	H-4	Q6443	F-2	Q6681	D-4		
IC6753	I-4	Q6451	F-2	Q6682	D-5		
IC6771	C-4	Q6452	F-2	Q6691	D-5		
IC6772	E-5	Q6453	G-2	Q6742	A-4		
IC6773	D-4	Q6471	B-3	Q6743	B-5		
IC6774	C-4	Q6511	F-4	Q6744	A-4		
IC6791	B-2	Q6512	E-4	Q6762	H-4		
IC6801	C-3	Q6516	G-4	Q6781	E-5		
IC6802	B-3	Q6517	G-4	Q6782	E-5		
IC6803	C-2	Q6531	E-2	Q6791	A-3		
IC6821	B-4	Q6532	F-2	Q6803	C-3		
IC6841	B-3	Q6551	F-2	Q6804	B-2		
IC6861	B-4	Q6552	F-2	Q6821	G-4		
IC6871	A-3	Q6581	E-2	Q6822	B-4		
				Q6824	C-4		
				Q6841	B-3		
				Q6842	B-3		

Parts Location

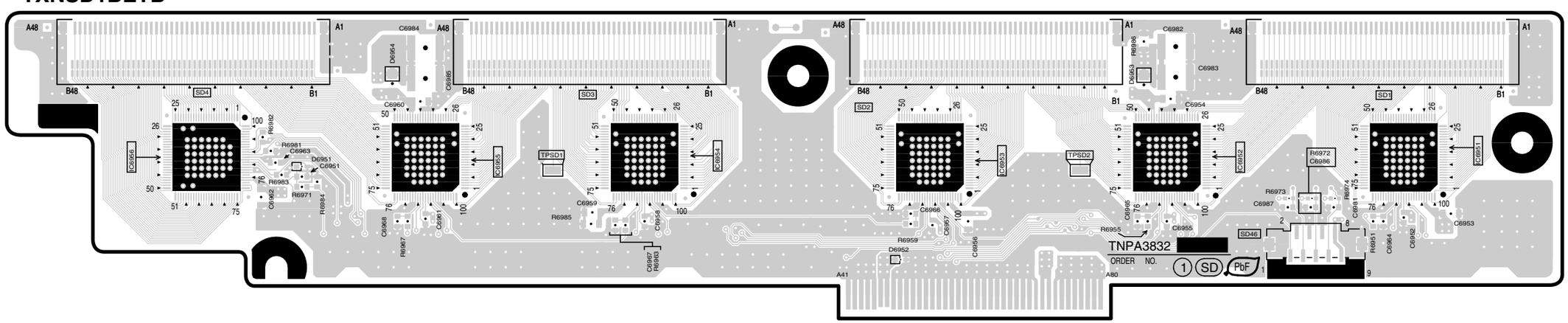
SD-BOARD	
IC	
IC6951	H-2
IC6952	G-2
IC6953	F-2
IC6954	D-2
IC6955	C-2
IC6956	B-2



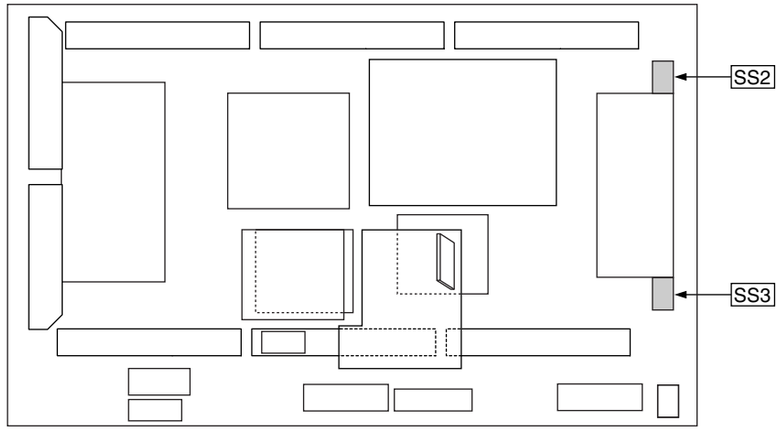
SD-BOARD (FOIL SIDE)
TXNSD1BETB



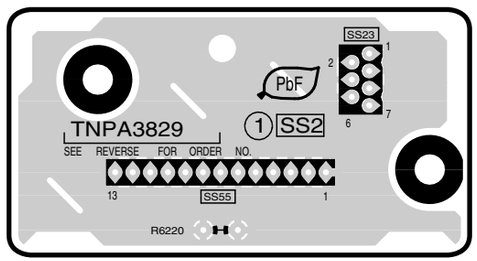
SD-BOARD (COMPONENT SIDE)
TXNSD1BETB



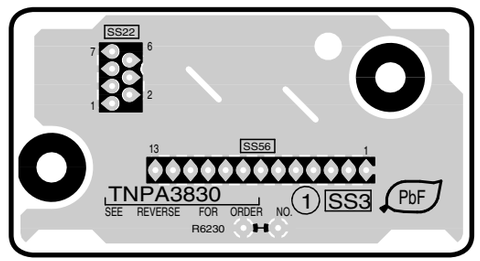
TH-50PV600E, TH-50PX600B
SD-BOARD TXNSD1BETB



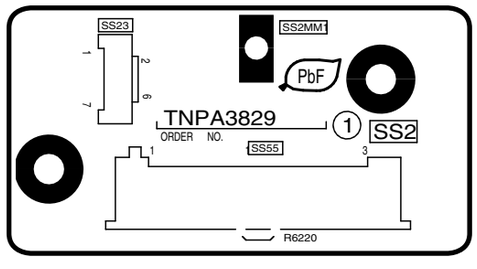
SS2-BOARD (FOIL SIDE)
TXNSS21BETB



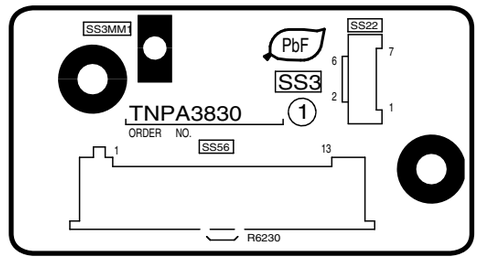
SS3-BOARD (FOIL SIDE)
TXNSS31BETB



SS2-BOARD (COMPONENT SIDE)
TXNSS21BETB



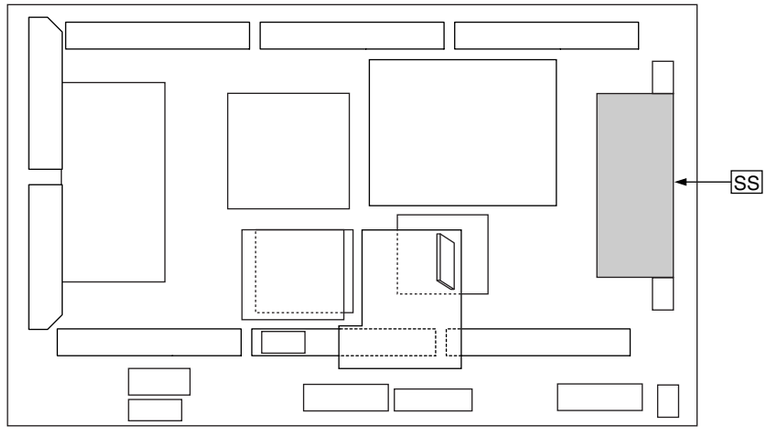
SS3-BOARD (COMPONENT SIDE)
TXNSS31BETB



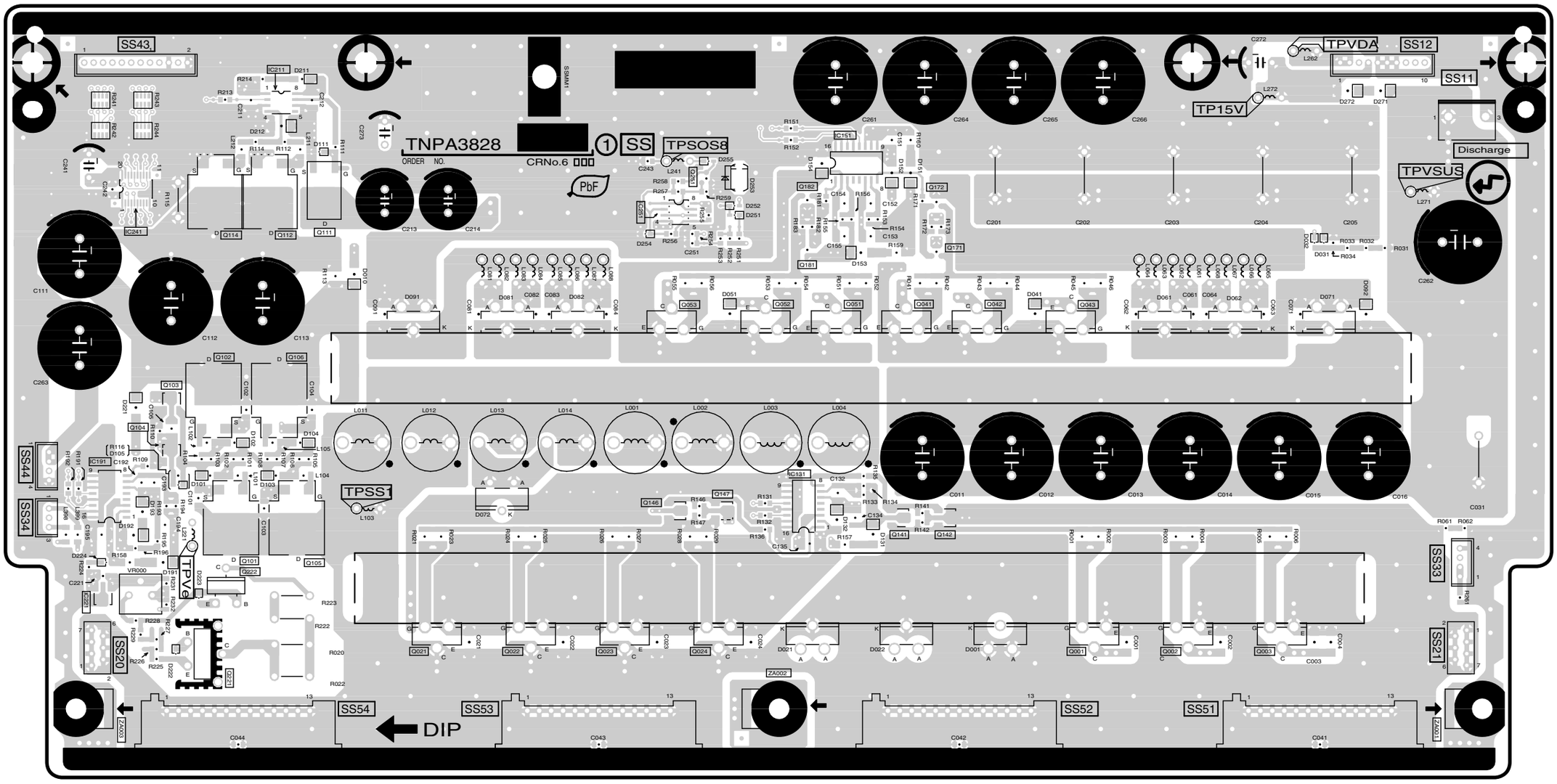
TH-50PV600E, TH-50PX600B
SS2-BOARD TXNSS21BETB
SS3-BOARD TXNSS31BETB

Parts Location

SS-BOARD (COMPONENT SIDE)					
IC		Q6043	F-3	Q6221	B-1
IC6131	E-2	Q6051	E-3	Q6222	B-2
IC6151	E-4	Q6052	E-3	Q6251	D-4
IC6191	A-2	Q6053	D-3	**TP**	
IC6211	B-4	Q6101	B-2	TP15V	G-4
IC6221	A-2	Q6102	B-3	TP34	G-4
IC6241	B-4	Q6103	B-3	TPSOS8	D-4
IC6251	D-4	Q6104	B-3	TPSS1	C-2
TRANSISTOR		Q6105	C-2	TPVDA	H-4
Q6001	F-1	Q6106	B-3	TPVe	B-2
Q6002	G-1	Q6111	C-4	TPVSUS	H-4
Q6003	G-1	Q6112	B-4	**VOLUME**	
Q6021	C-1	Q6114	B-4	VR6000	B-2
Q6022	C-1	Q6141	E-2		
Q6023	D-1	Q6142	F-2		
Q6024	D-1	Q6146	D-2		
Q6041	F-3	Q6147	E-2		
Q6042	F-3	Q6171	F-3		
		Q6182	E-4		



SS-BOARD (COMPONENT SIDE)
TXNSS1BETB

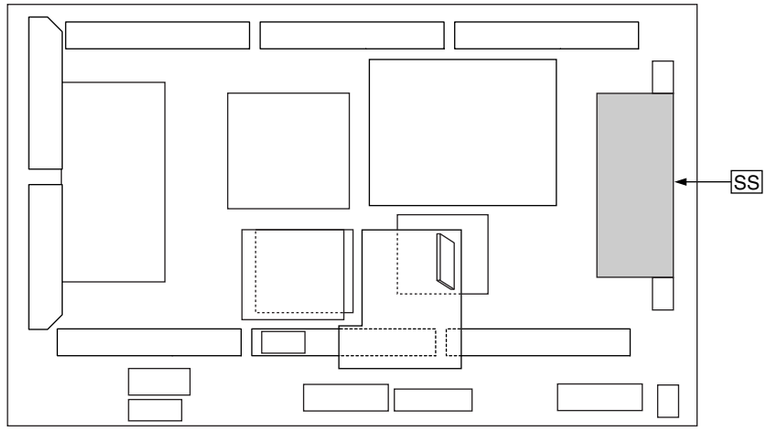


TH-50PV600E, TH-50PX600B
SS-BOARD TXNSS1BETB

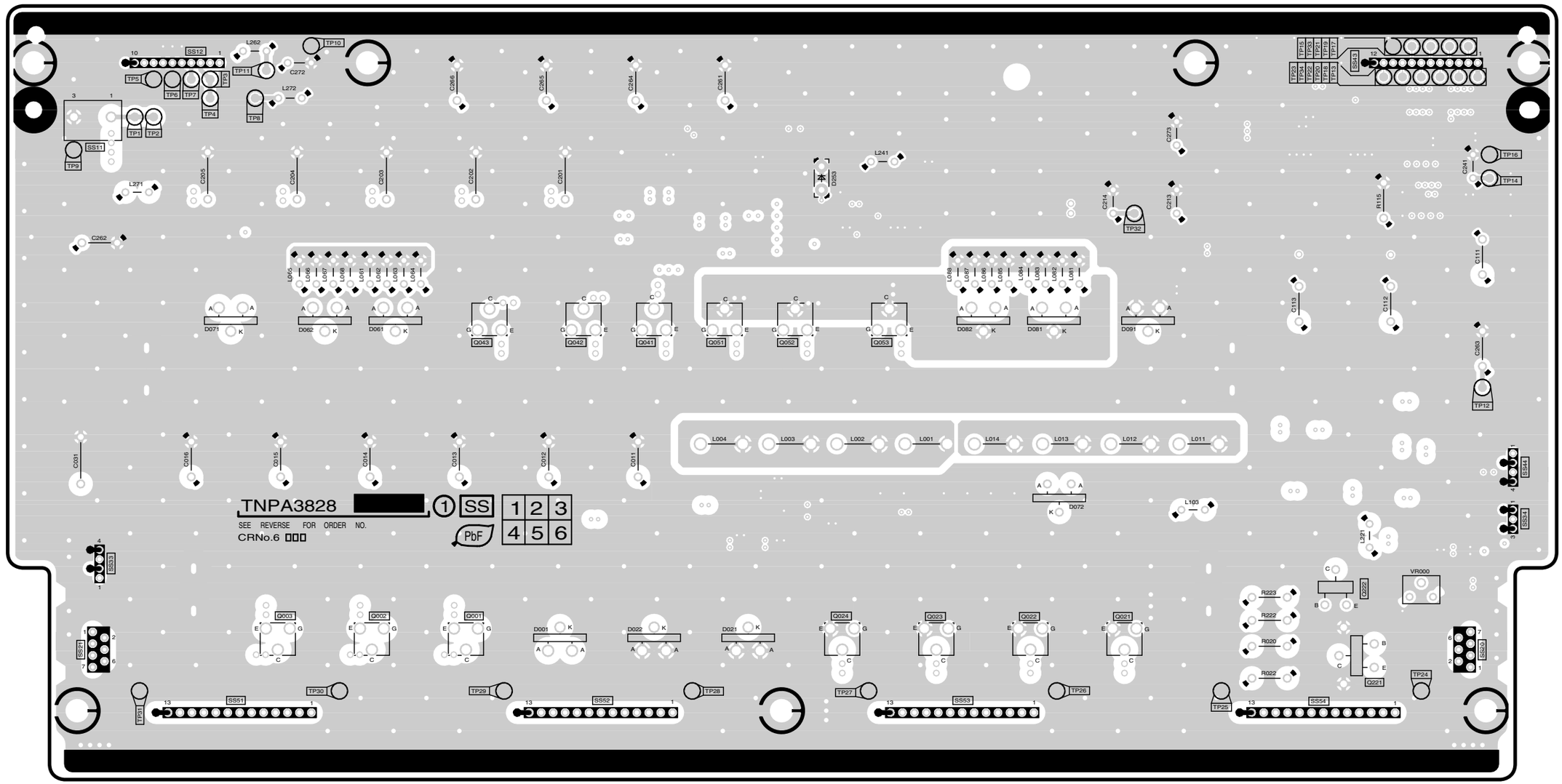
Parts Location

SS-BOARD (FOIL SIDE)

TRANSISTOR		TP		TP	
Q6001	C-2	TP1	B-4	TP19	H-4
Q6002	C-2	TP2	B-4	TP20	H-4
Q6003	C-2	TP3	B-4	TP21	H-4
Q6021	G-2	TP4	B-4	TP22	G-4
Q6022	F-2	TP5	B-4	TP23	G-4
Q6023	F-2	TP6	B-4	TP24	H-1
Q6024	E-2	TP7	B-4	TP25	G-1
Q6041	D-3	TP8	B-4	TP26	F-1
Q6042	D-3	TP9	A-4	TP27	E-1
Q6043	C-3	TP10	C-5	TP28	D-1
Q6051	E-3	TP11	B-4	TP29	C-1
Q6052	E-3	TP12	H-3	TP30	C-1
Q6053	E-3	TP13	H-4	TP31	B-1
Q6221	H-1	TP14	H-4	TP32	G-4
Q6222	H-2	TP15	G-4	TP33	H-4
		TP16	H-4	**VOLUME**	
		TP17	H-4	VR6000	H-2
		TP18	H-4		



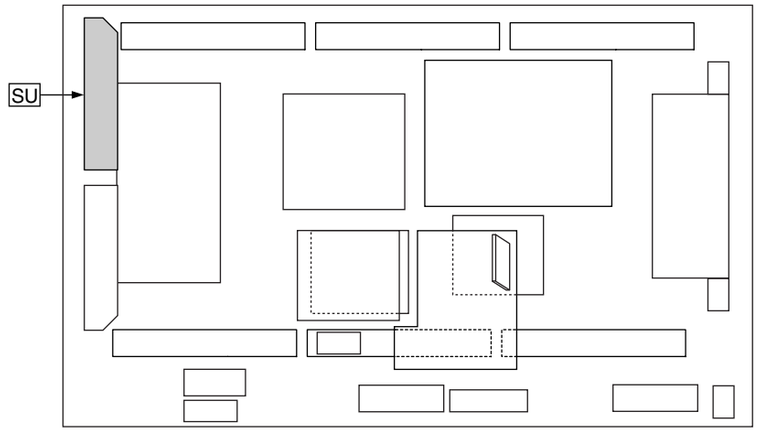
SS-BOARD (FOIL SIDE)
TXNSS1BETB



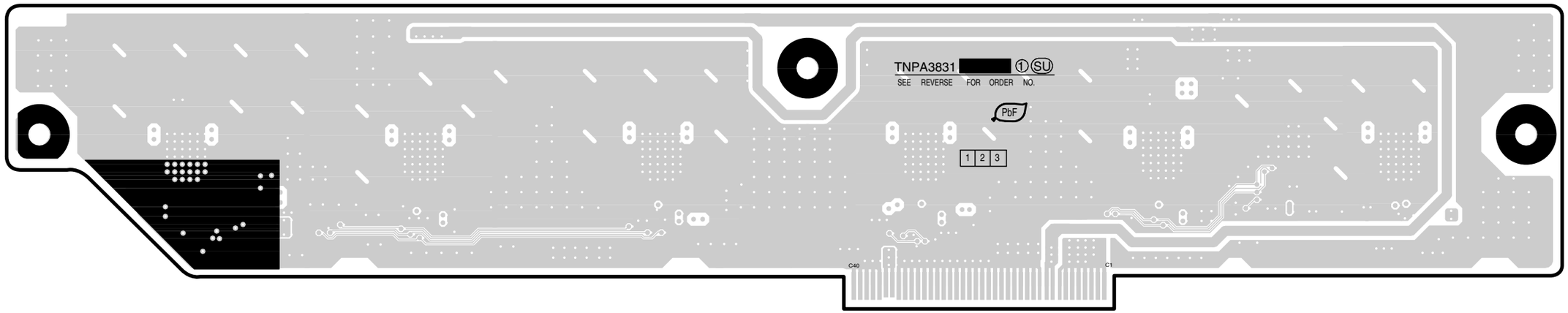
TH-50PV600E, TH-50PX600B
SS-BOARD TXNSS1BETB

Parts Location

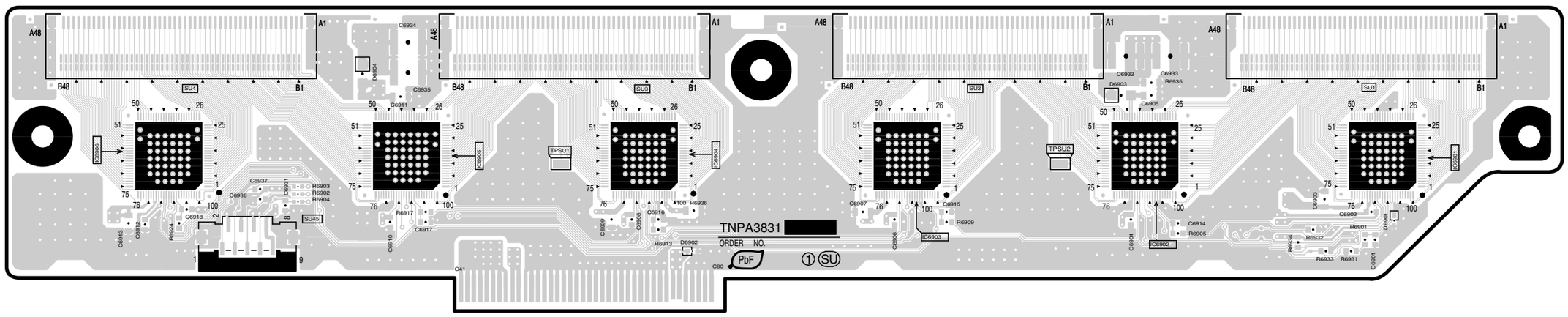
SU-BOARD	
IC	
IC6901	H-2
IC6902	G-2
IC6903	F-2
IC6904	D-2
IC6905	C-2
IC6906	B-2



SU-BOARD (FOIL SIDE)
TXNSU1BETB

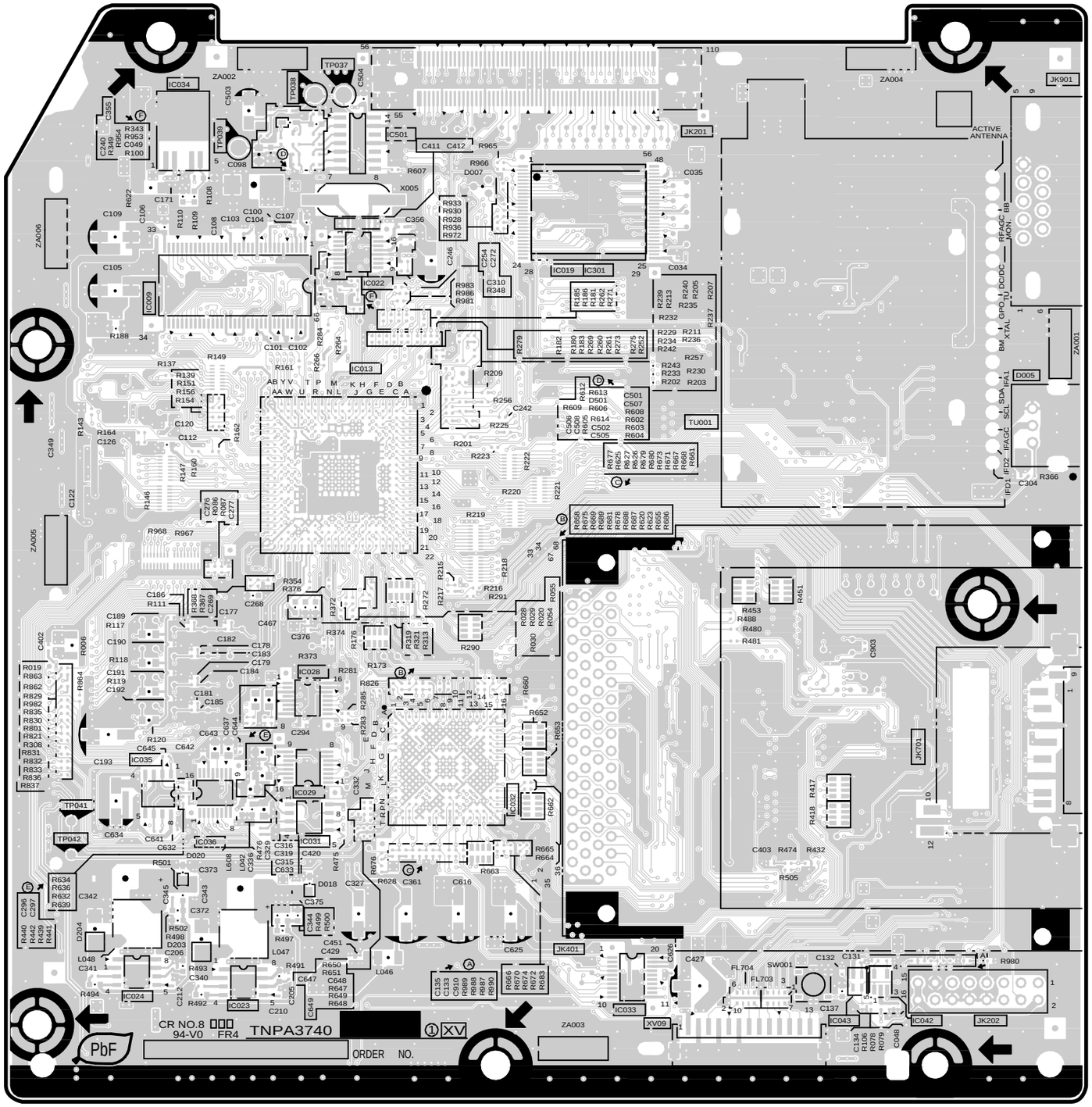


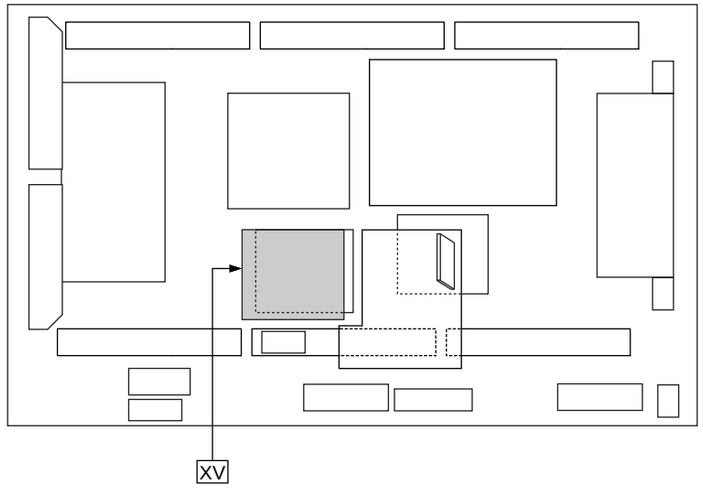
SU-BOARD (COMPONENT SIDE)
TXNSU1BETB



TH-50PV600E, TH-50PX600B
SU-BOARD TXNSU1BETB

XV-BOARD (COMPONENT SIDE)
TNPA3740AC



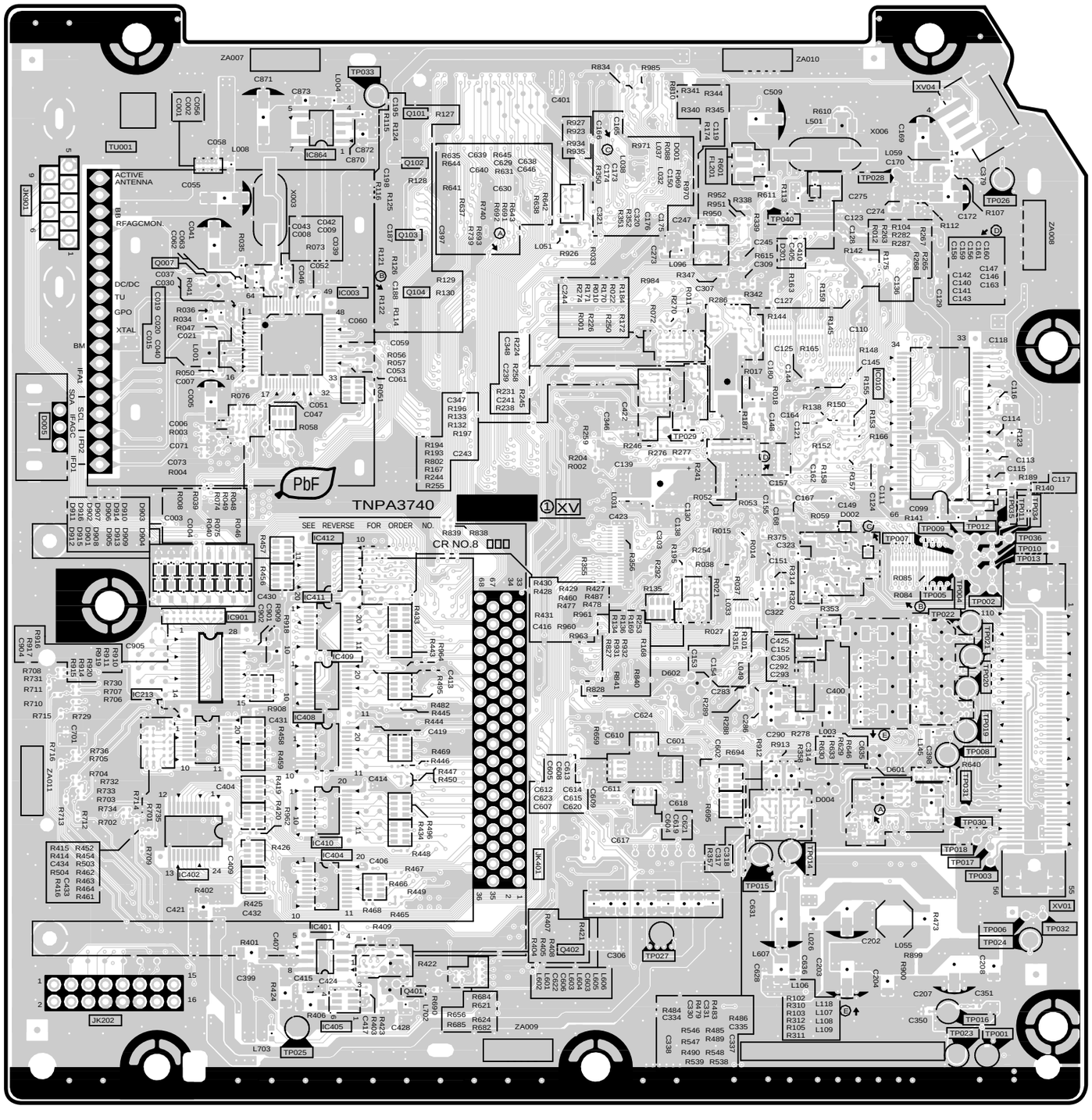


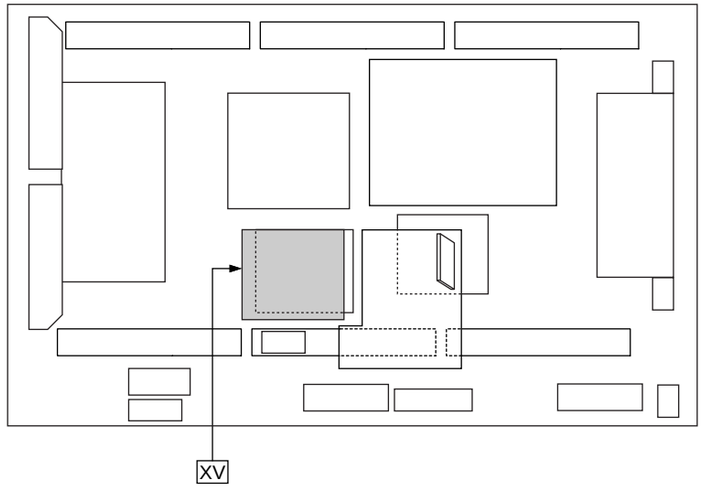
Parts Location

XV-BOARD (COMPONENT SIDE)			
IC		**TP**	
IC8009	B-5	TP8037	B-6
IC8013	C-4	TP8038	B-6
IC8019	D-5	TP8039	B-5
IC8022	C-5	TP8041	A-2
IC8023	B-1	TP8042	A-2
IC8024	B-1		
IC8028	B-3		
IC8029	B-2		
IC8031	B-2		
IC8032	C-2		
IC8033	D-1		
IC8034	B-6		
IC8035	B-3		
IC8036	B-2		
IC8042	E-1		
IC8043	E-1		
IC8301	D-5		
IC8501	C-5		

TH-50PX600B
XV-BOARD TNPA3740AC

XV-BOARD (FOIL SIDE)
TNPA3740AC



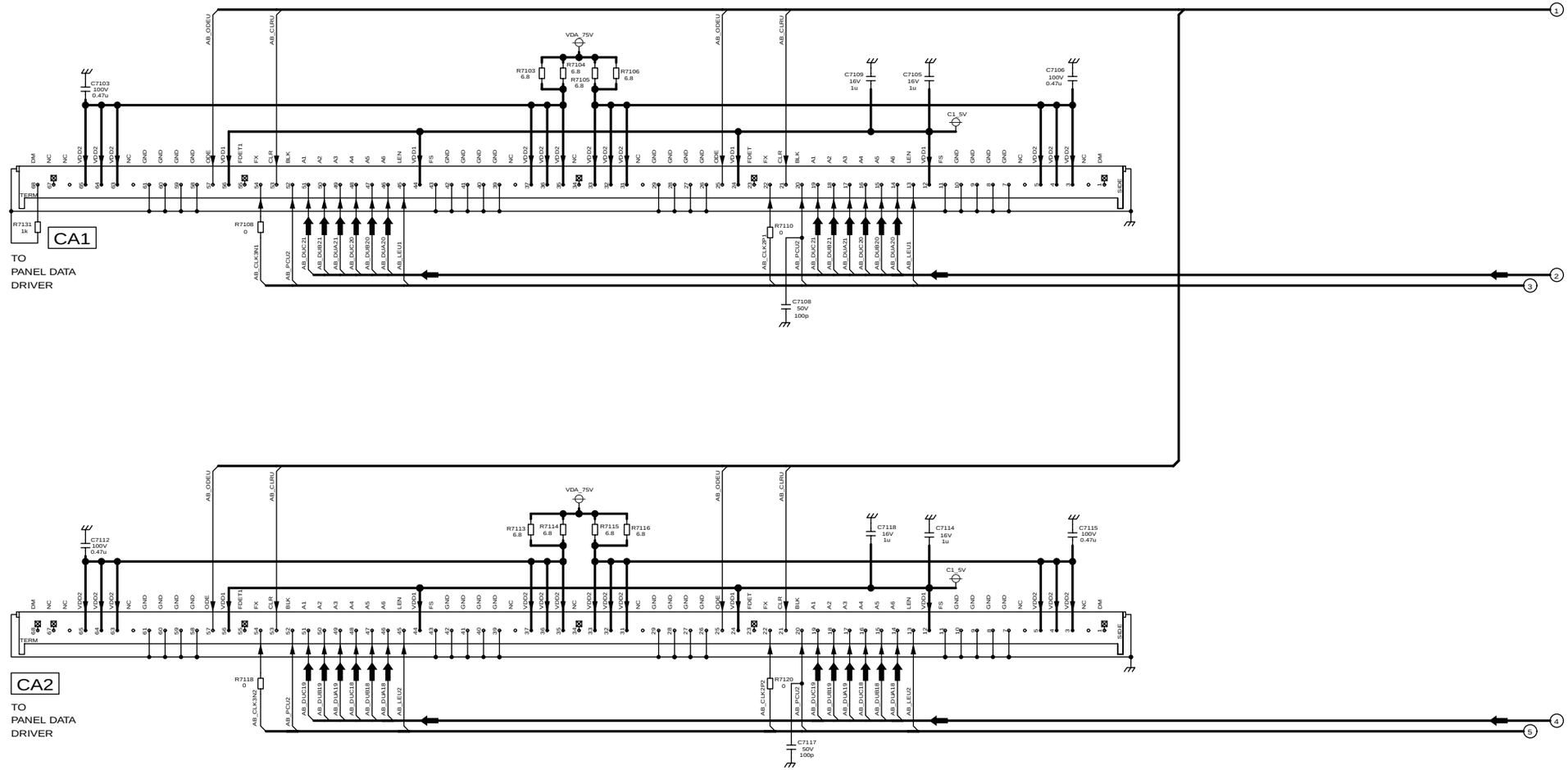


Parts Location

XV-BOARD (FOIL SIDE)			
IC		TP8006	F-2
IC8003	C-5	TP8007	E-4
IC8010	E-4	TP8008	E-3
IC8213	B-3	TP8009	E-4
IC8401	B-2	TP8010	F-4
IC8402	B-2	TP8011	F-4
IC8404	B-2	TP8012	E-4
IC8405	B-1	TP8013	F-3
IC8408	B-3	TP8014	E-2
IC8409	C-3	TP8015	D-2
IC8410	B-2	TP8016	E-1
IC8411	B-3	TP8017	E-2
IC8412	B-4	TP8018	E-2
IC8501	C-5	TP8019	E-3
IC8864	B-5	TP8020	E-3
IC8901	B-3	TP8021	E-3
		TP8022	E-3
TRANSISTOR		TP8023	E-1
Q8007	B-5	TP8024	F-2
Q8101	C-6	TP8025	B-1
Q8102	C-5	TP8026	F-5
Q8103	C-5	TP8027	D-2
Q8104	C-5	TP8028	E-5
Q8401	C-1	TP8029	D-4
Q8402	D-2	TP8030	E-2
TP		TP8031	E-2
TP8001	F-1	TP8032	F-2
TP8002	E-3	TP8033	C-6
TP8003	E-2	TP8034	F-4
TP8004	E-3	TP8035	F-4
TP8005	E-3	TP8036	F-4
		TP8040	E-4

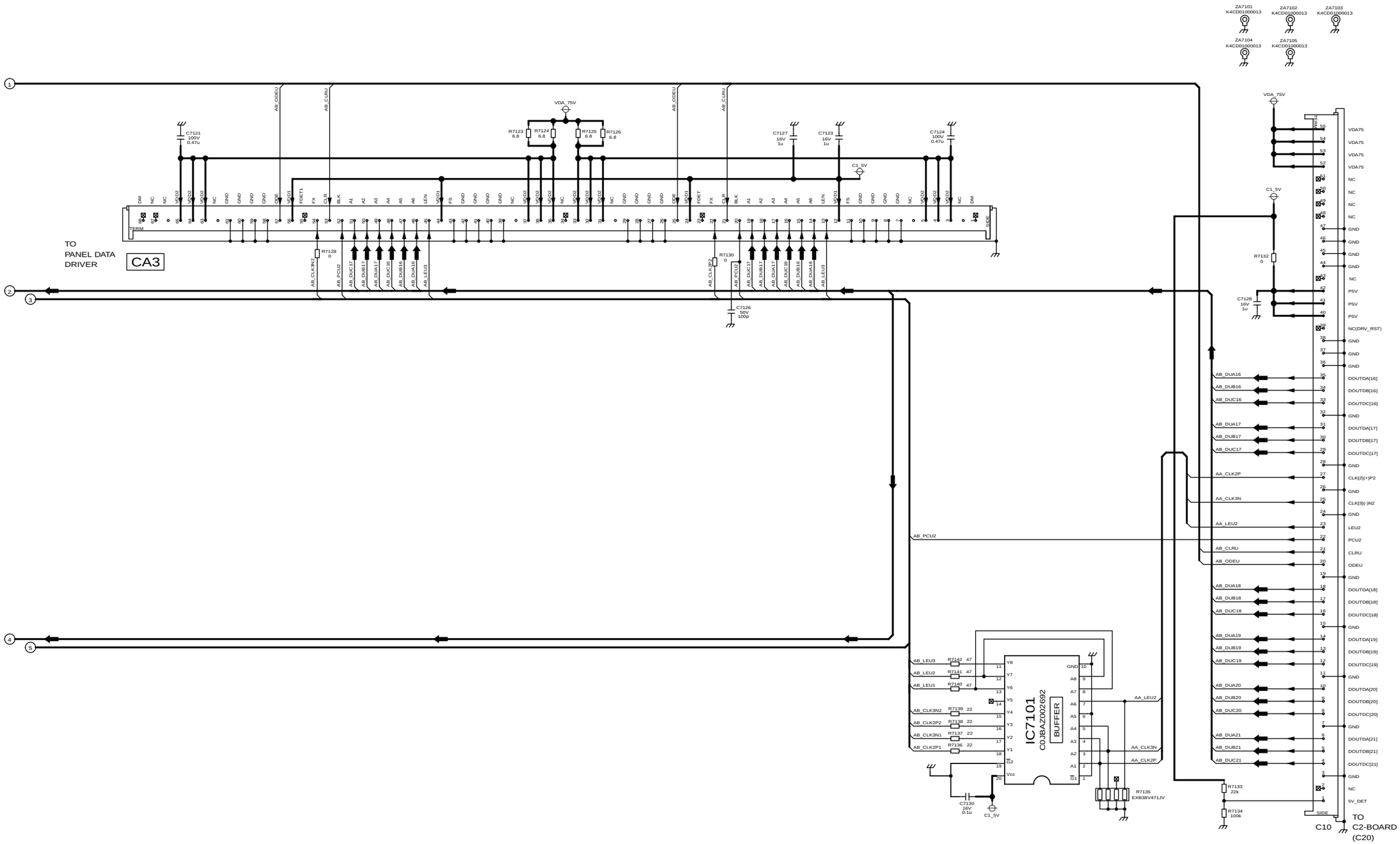
TH-50PX600B
XV-BOARD TNPA3740AC

C1-BOARD TXNC11BETB (1/2)



TH-50PV600E, TH-50PX600B
C1-Board (1 of 2) Schematic Diagram

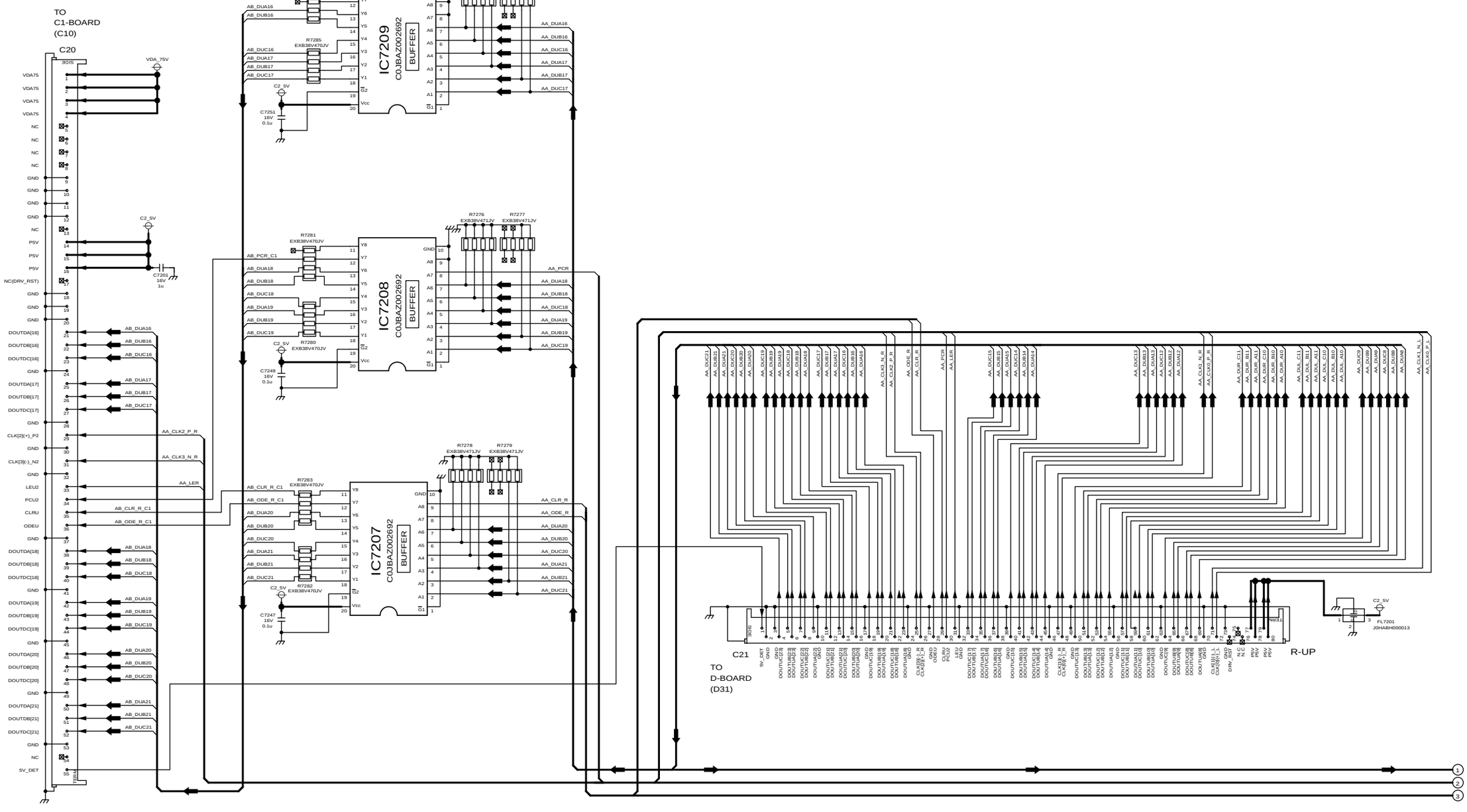
C1-BOARD TXNC11BETB (2/2)



TH-50PV600E, TH-50PX600B
C1-Board (2 of 2) Schematic Diagram

TH-50PV600E, TH-50PX600B
C1-Board (2 of 2) Schematic Diagram

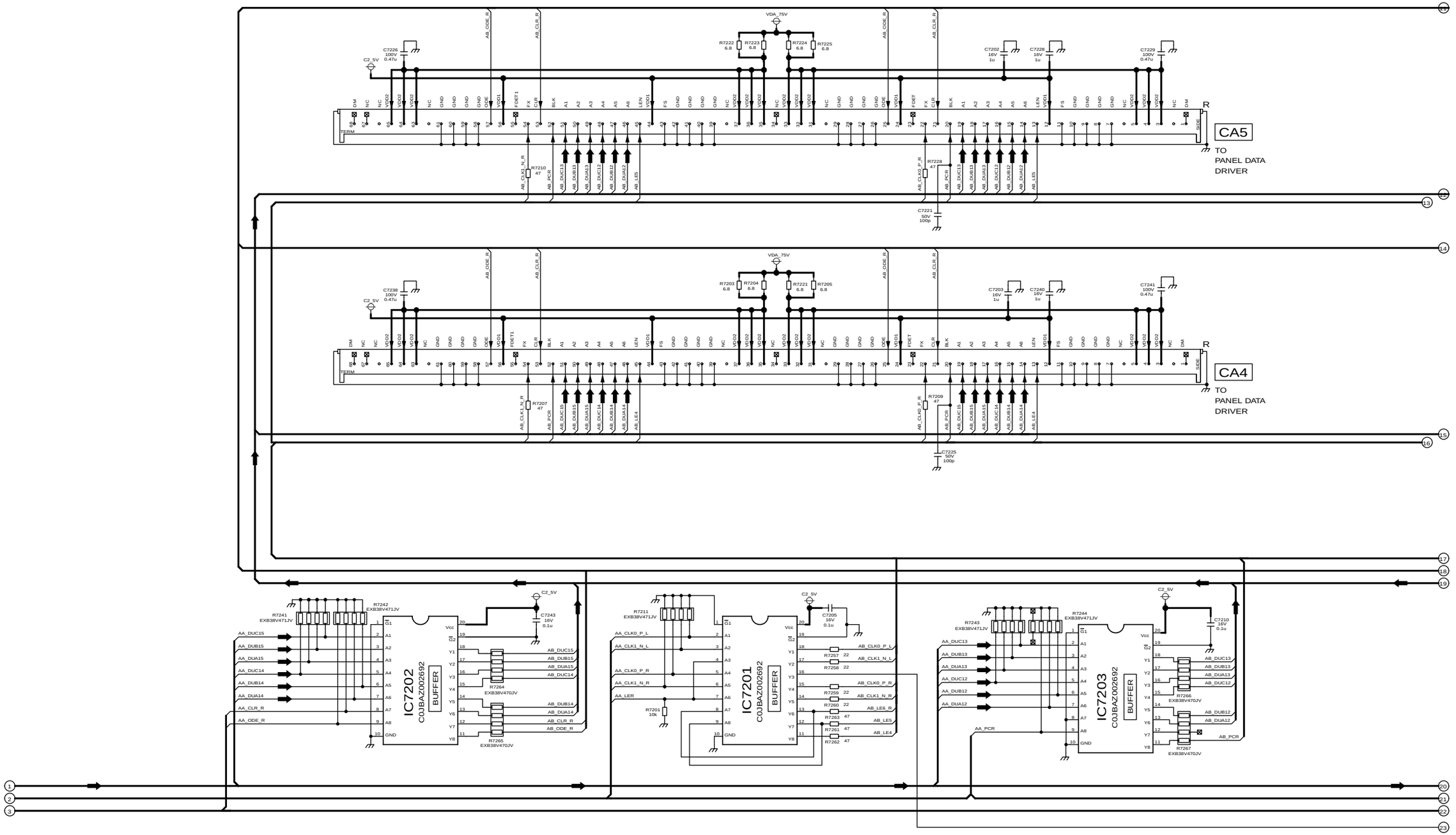
C2-BOARD TXNC21BETB (1/3)



TH-50PV600E, TH-50PX600B
C2-Board (1 of 3) Schematic Diagram

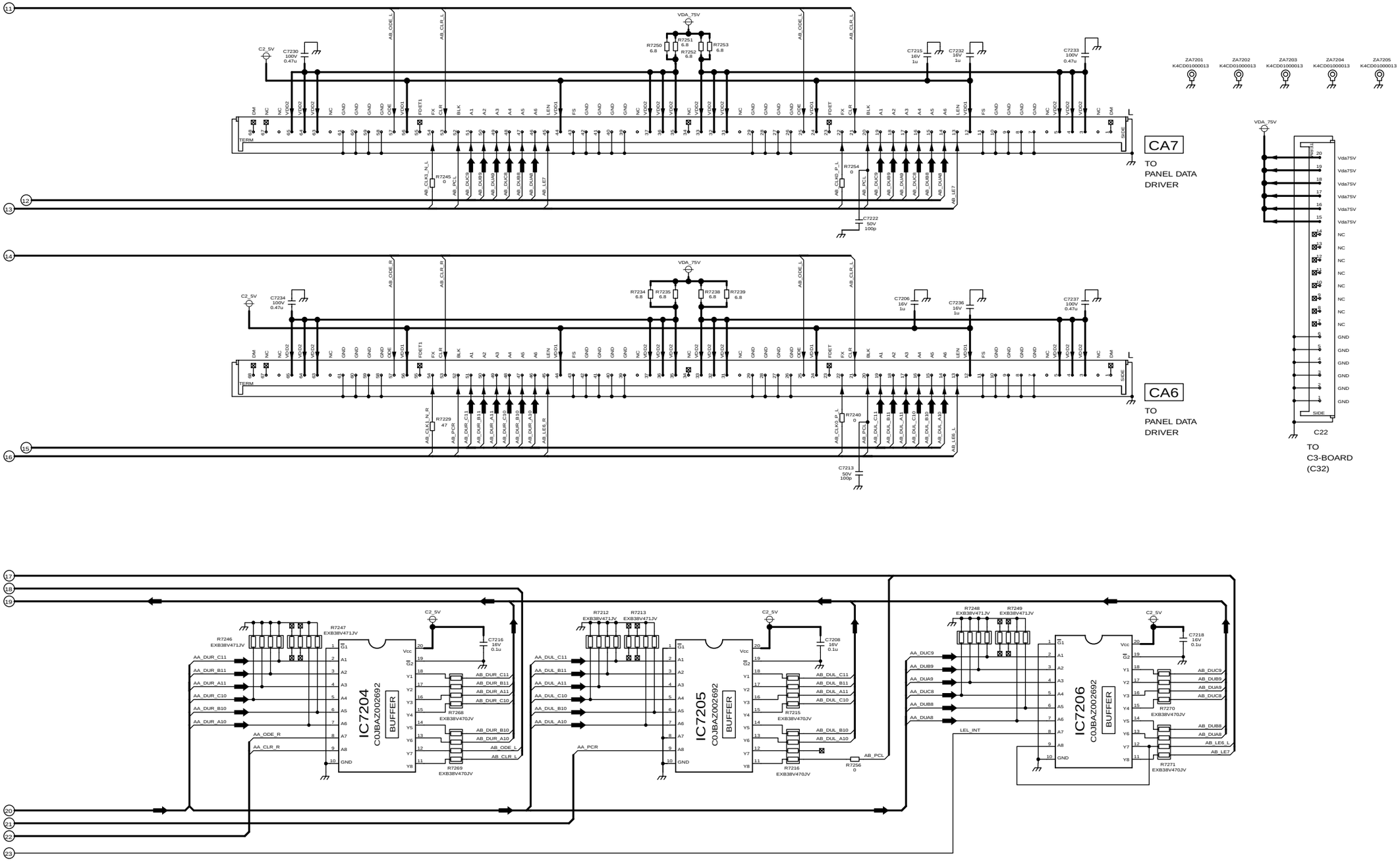
TH-50PV600E, TH-50PX600B
C2-Board (1 of 3) Schematic Diagram

⚠ C2-BOARD TXNC21BETB (2/3)



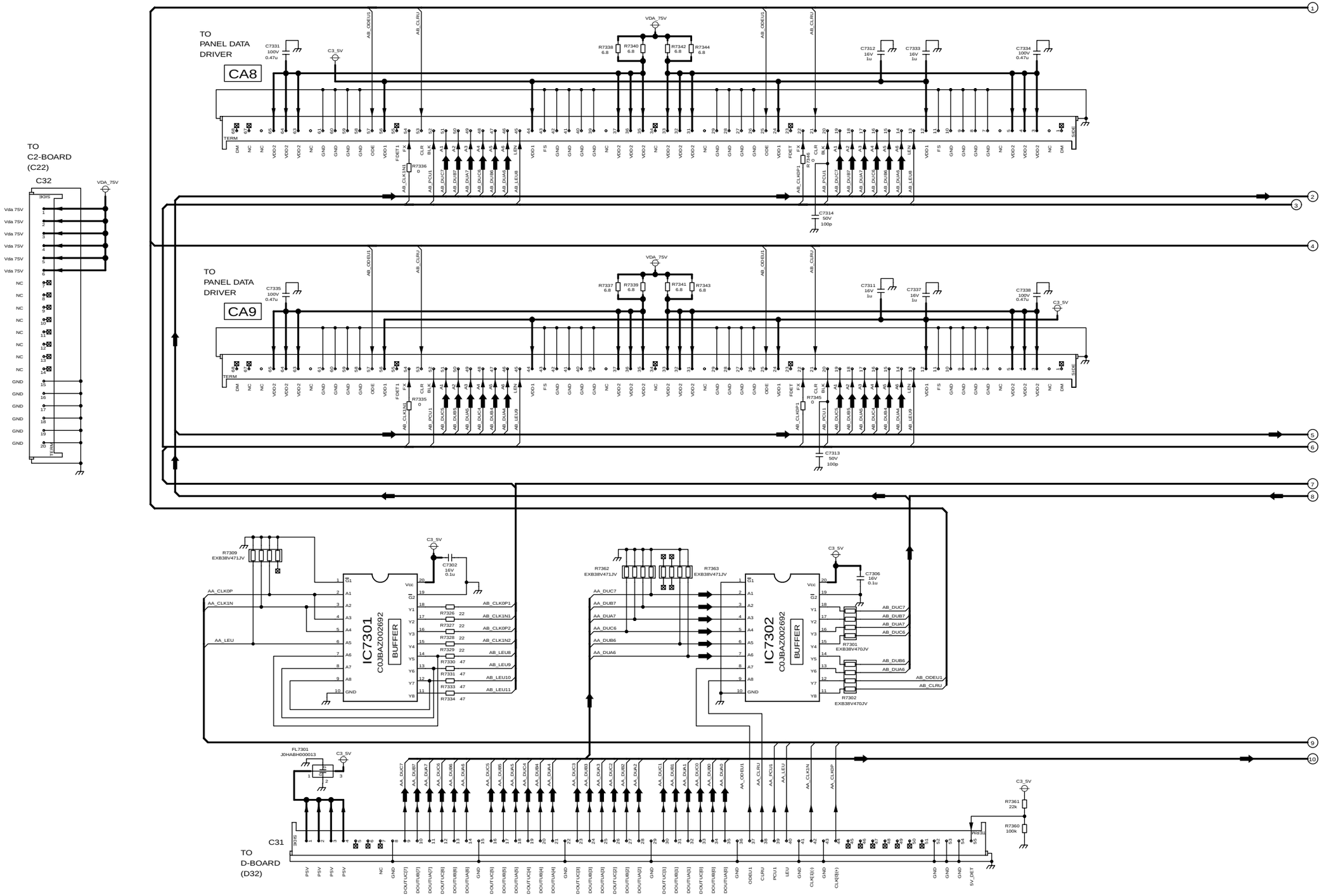
TH-50PV600E, TH-50PX600B
C2-Board (2 of 3) Schematic Diagram

C2-BOARD TXNC21BETB (3/3)



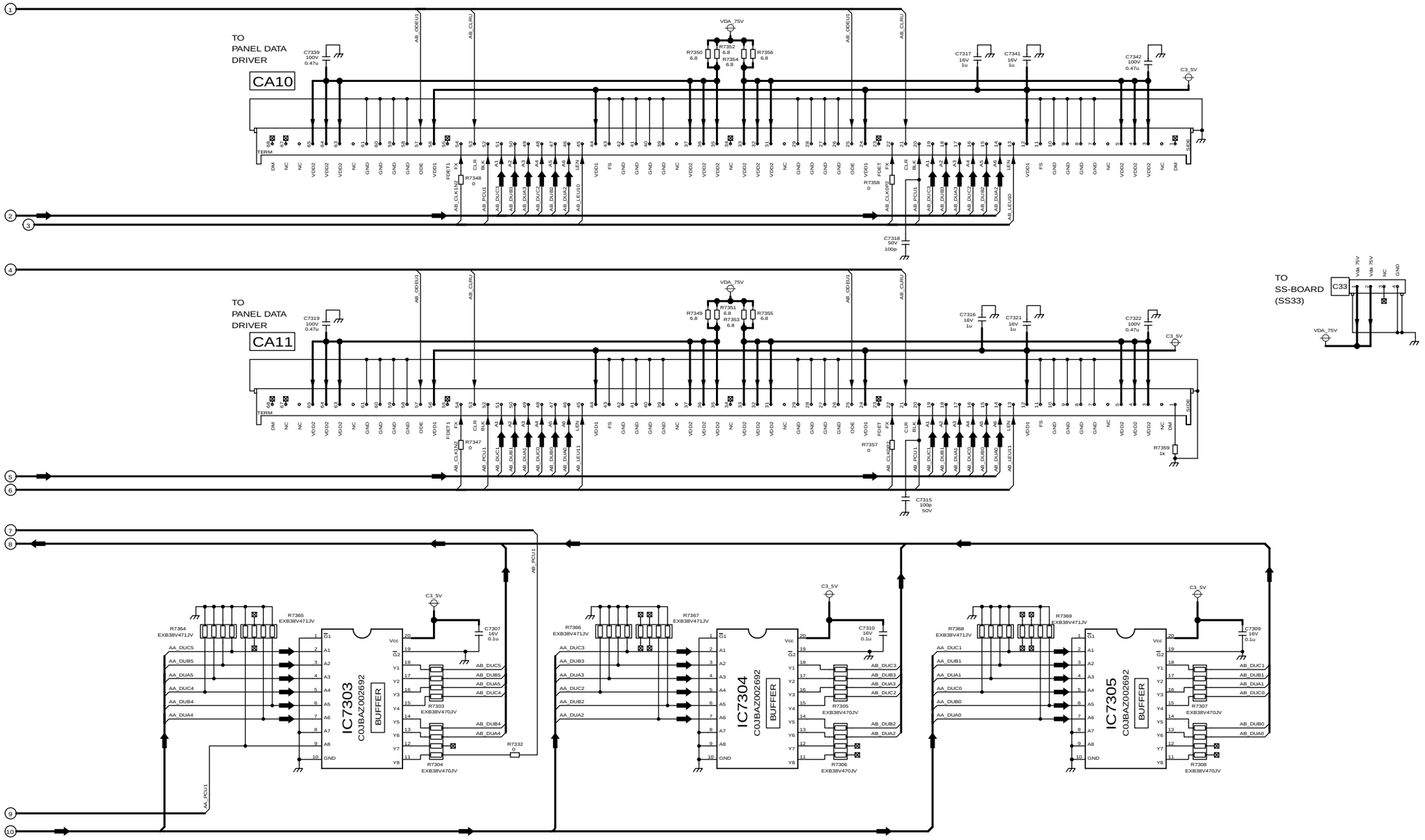
TH-50PV600E, TH-50PX600B
C2-Board (3 of 3) Schematic Diagram

C3-BOARD TXNC31BETB (1/2)



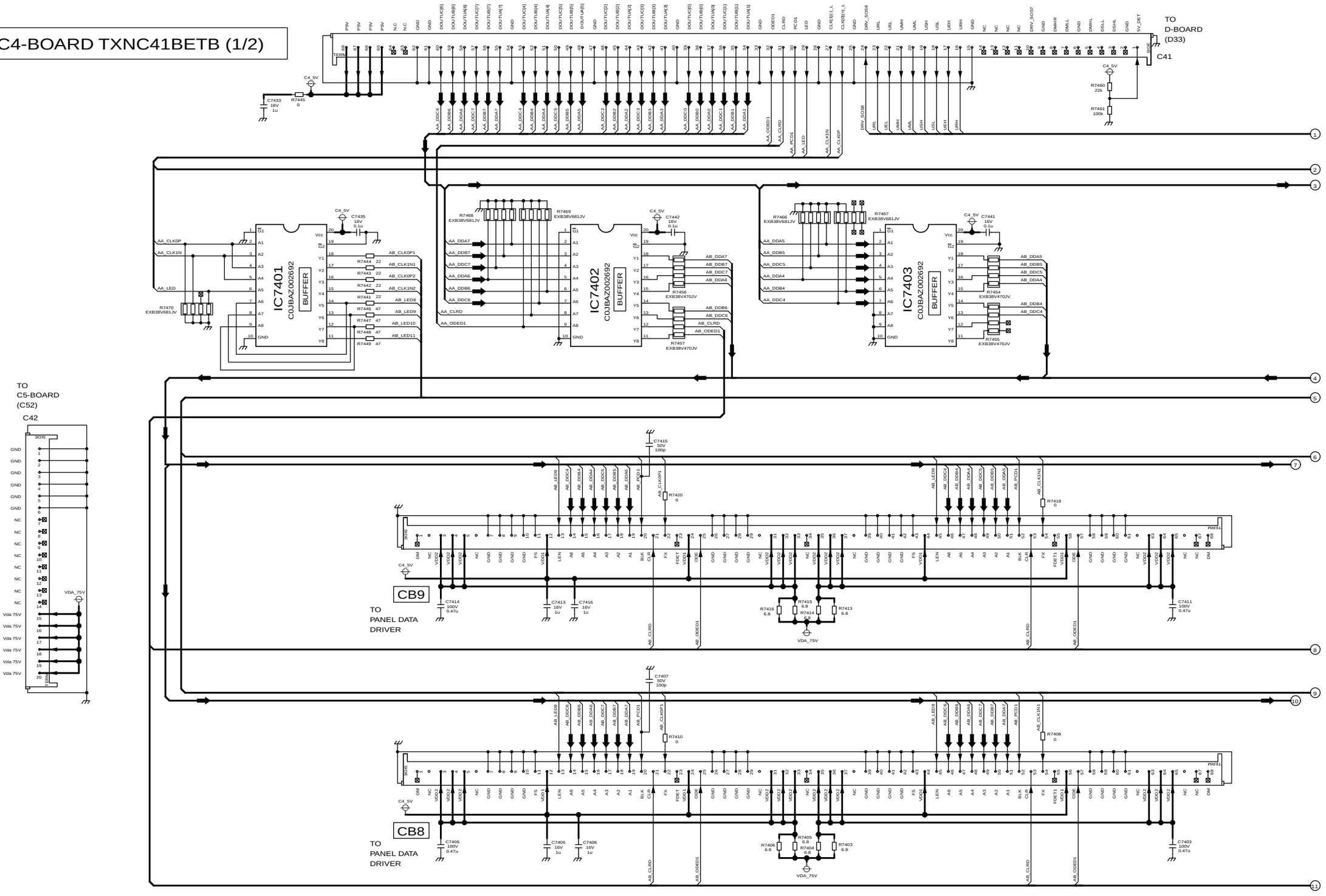
TH-50PV600E, TH-50PX600B
C3-Board (1 of 2) Schematic Diagram

C3-BOARD TXNC31BETB (2/2)



TH-50PV600E, TH-50PX600B
C3-Board (2 of 2) Schematic Diagram

C4-BOARD TXNC41BETB (1/2)

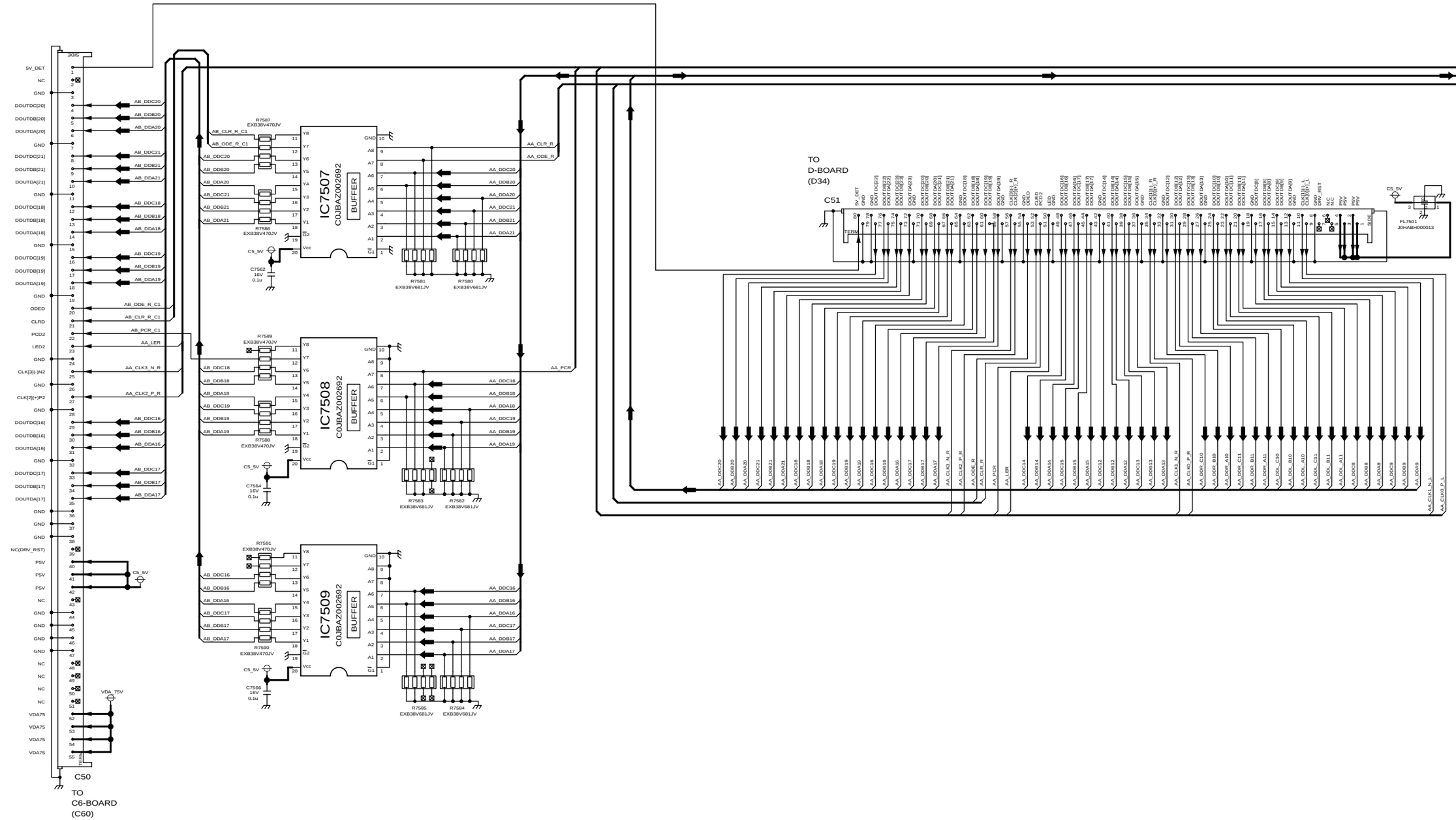


TH-50PV600E, TH-50PX600B
C4-Board (1 of 2) Schematic Diagram

C4-BOARD TXNC41BETB (2/2)

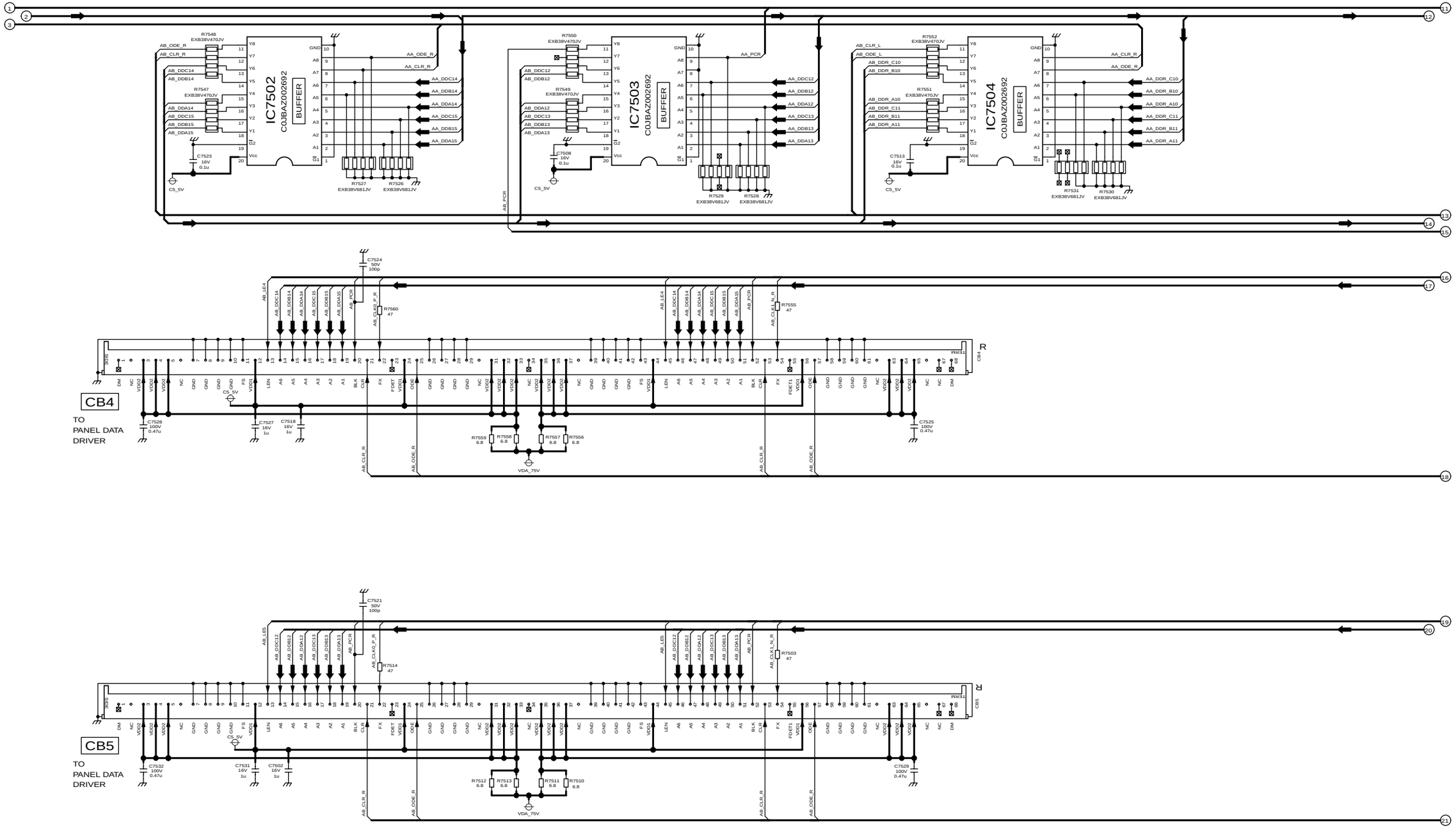
TH-50PV600E, TH-50PX600B
C4-Board (2 of 2) Schematic Diagram

C5-BOARD TXNC51BETB (1/3)

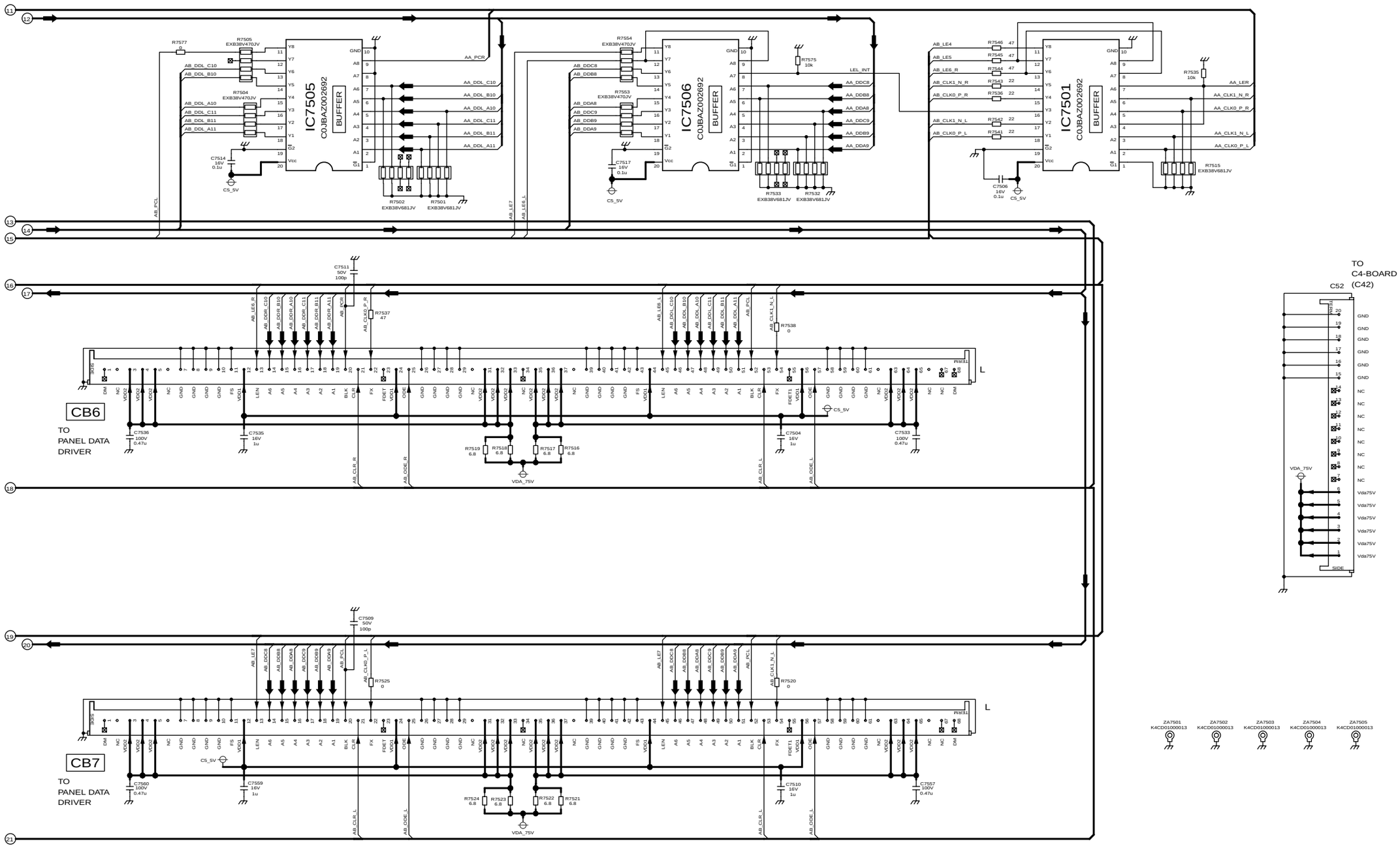


TH-50PV600E, TH-50PX600B
C5-Board (1 of 3) Schematic Diagram

C5-BOARD TXNC51BETB (2/3)

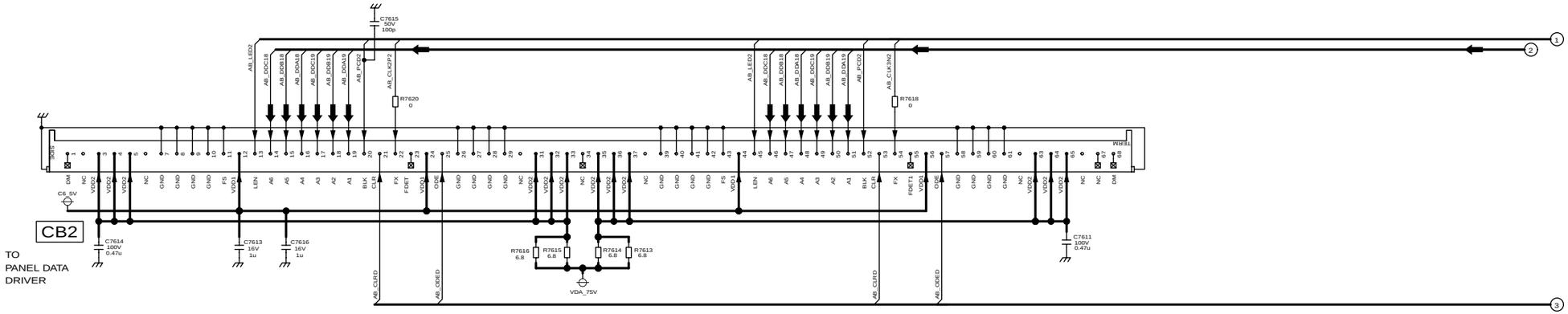


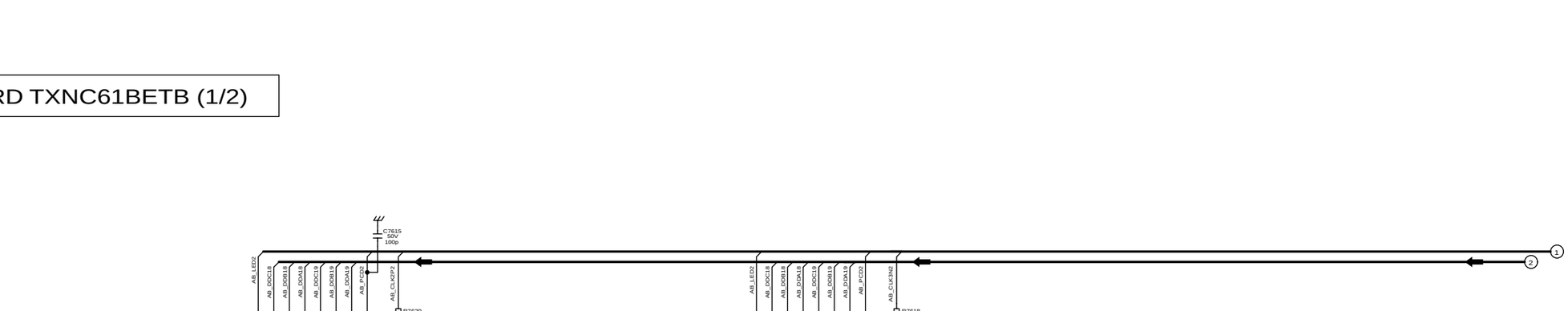
C5-BOARD TXNC51BETB (3/3)



TH-50PV600E, TH-50PX600B
C5-Board (3 of 3) Schematic Diagram

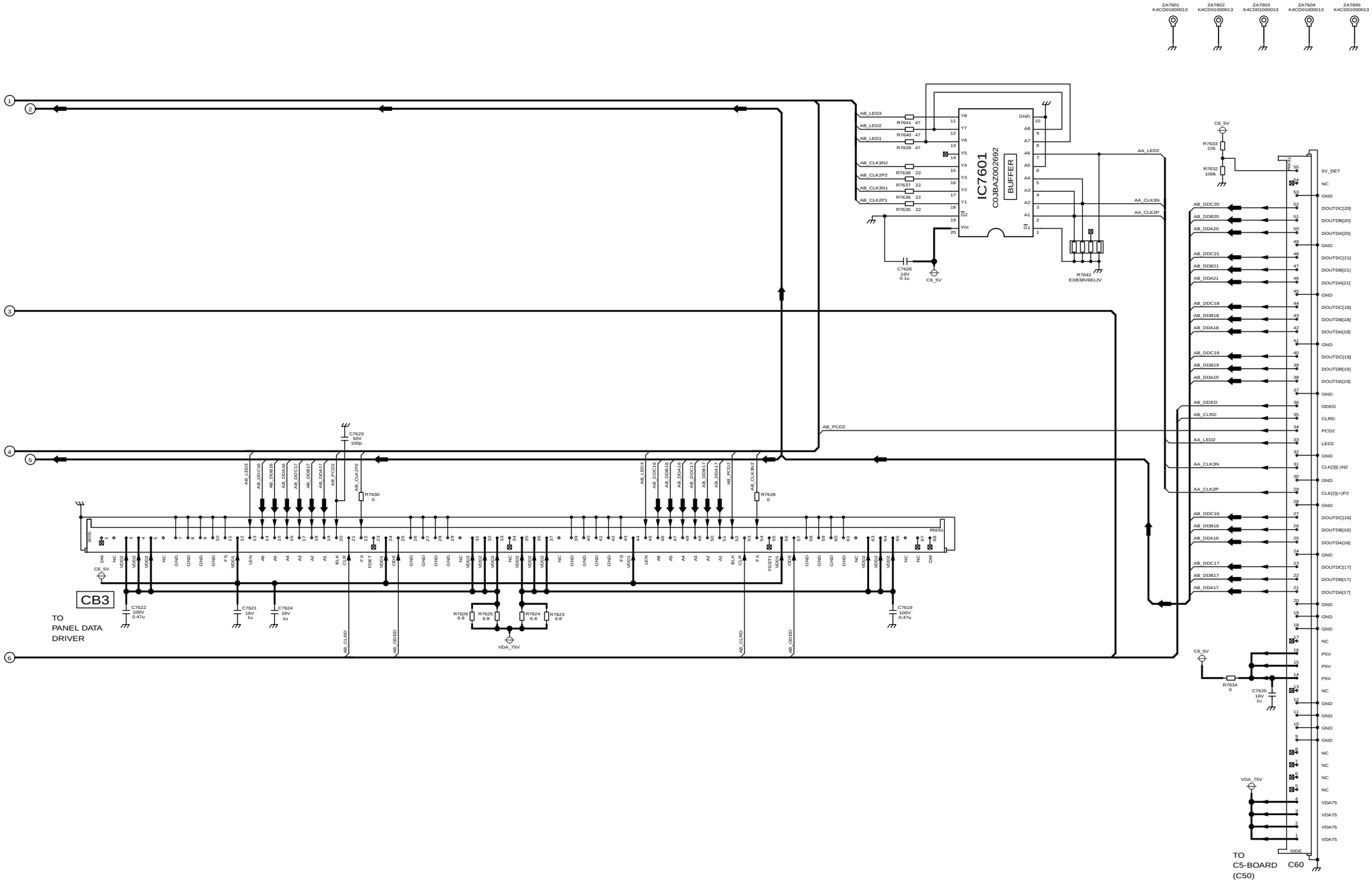
C6-BOARD TXNC61BETB (1/2)





TH-50PV600E, TH-50PX600B
C6-Board (1 of 2) Schematic Diagram

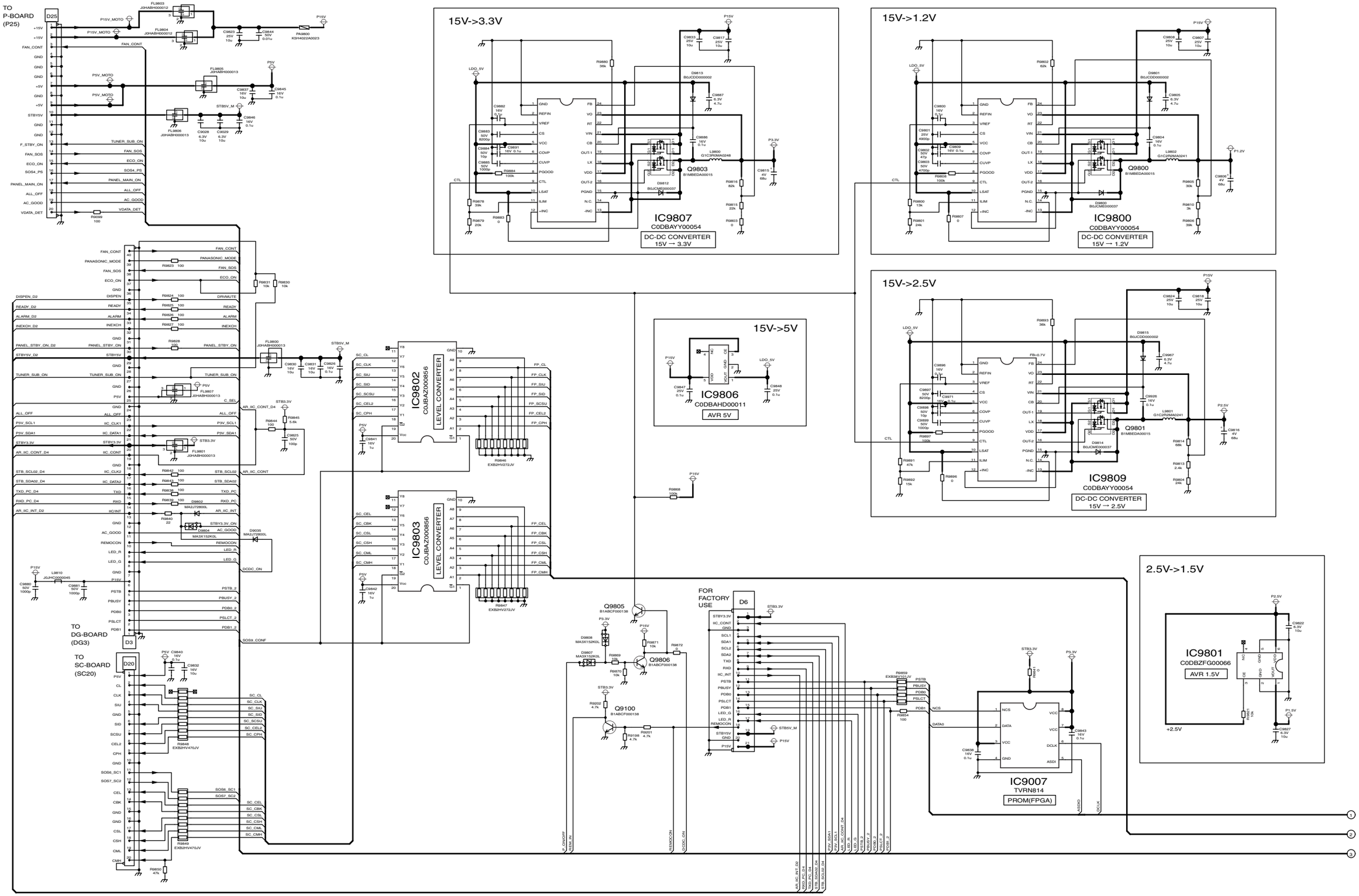
C6-BOARD TXNC61BETB (2/2)



TH-50PV600E, TH-50PX600B
C6-Board (2 of 2) Schematic Diagram

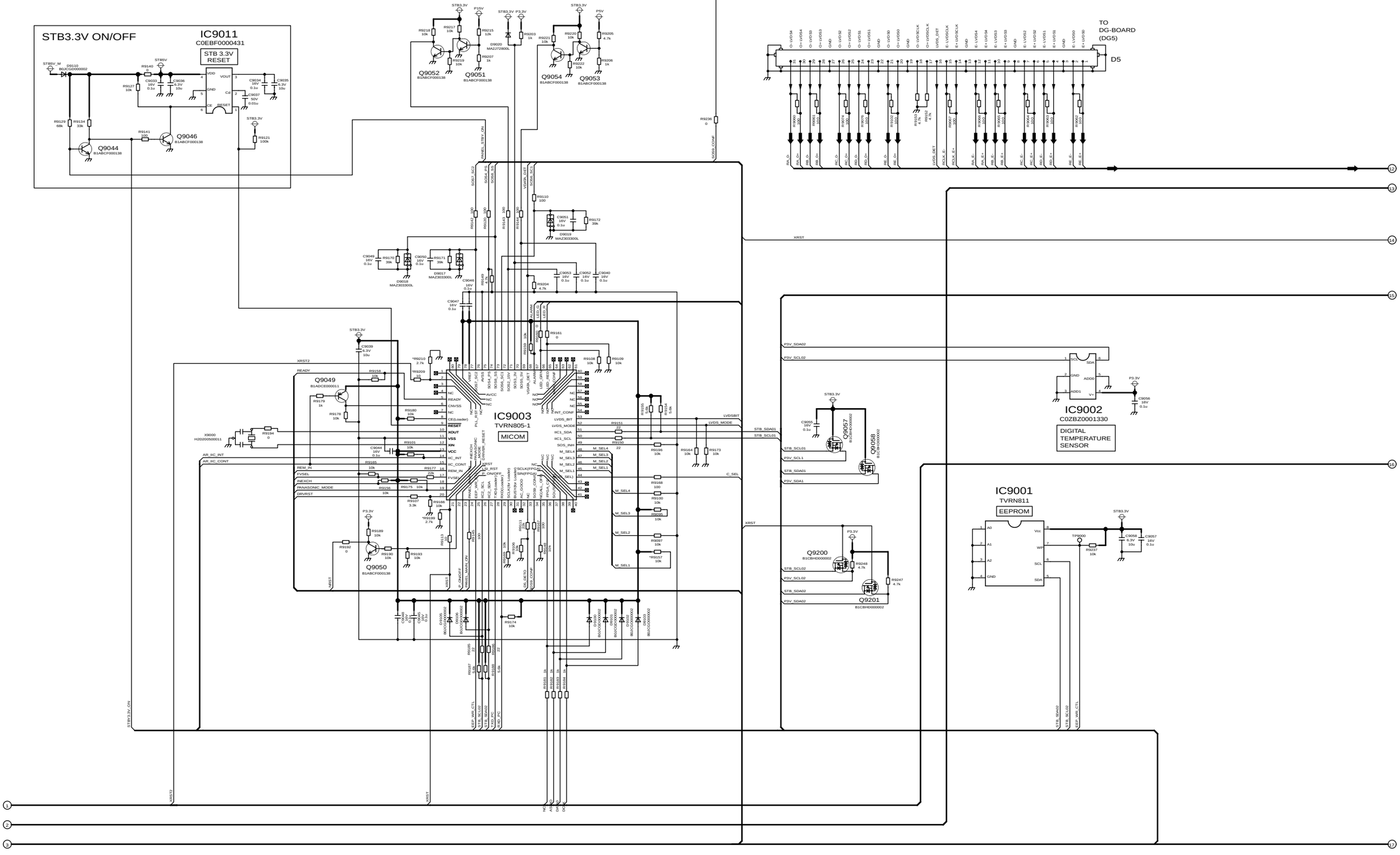
TH-50PV600E, TH-50PX600B
C6-Board (2 of 2) Schematic Diagram

D-BOARD TZTNP01BETB (1/8)



TH-50PV600E, TH-50PX600B
D-Board (1 of 8) Schematic Diagram

D-BOARD TZTNP01BETB (2/8)



SC_PULSE

FP_CMH IC9500 M9 IO CMH
FP_CML IC9500 N9 LVDS60n CML
SIU2
FP_SIU IC9500 P10 LVDS58n SIU
FP_CSH IC9500 P9 LVDS60p CSH
FP_CL IC9500 N10 LVDS58p CL
SID2
FP_SID IC9500 R10 LVDS59p SID
FP_CSL IC9500 R9 LVDS61p CSL
FP_CLK IC9500 M10 VREF1B4 CLK
FP_CEL IC9500 N8 LVDS62p CEL
FP_CBK IC9500 P8 LVDS62n CBK
FP_SCSU IC9500 R8 LVDS63p SCSU
FP_CPH IC9500 M8 IO CPH
FP_CEL2 IC9500 T9 LVDS61n CEL2

LVDS_INPUT

P3.3V R9529 10k
LVDS_DET IC9500 F4 IO LVDS_DET
RE_E+ IC9500 D4 LVDS14p(INIT_DONE)
RE_E- IC9500 C3 LVDS14n
RD_E+ IC9500 C2 LVDS13p(CLKUSR)
RD_E- IC9500 B1 LVDS13n
RC_E+ IC9500 E2 LVDS10p
RC_E- IC9500 D1 LVDS10n
RB_E+ IC9500 F2 LVDS8p
RB_E- IC9500 E1 LVDS8n
RA_E+ IC9500 G2 LVDS7p
RA_E- IC9500 F1 LVDS7n
RCLK_E+ IC9500 G1 LVDSCLK1p
RCLK_E- IC9500 H1 LVDSCLK1n
IC9500 K1 LVDS6p
IC9500 L1 LVDS6n
RE_0+ IC9500 M4 LVDS2p
RE_0- IC9500 N3 LVDS2n
RD_0+ IC9500 L2 LVDS5p
RD_0- IC9500 M1 LVDS5n
RC_0+ IC9500 N1 LVDS4p
RC_0- IC9500 M2 LVDS4n
RB_0+ IC9500 R1 LVDS1p
RB_0- IC9500 P2 LVDS1n
RA_0+ IC9500 P3 LVDS0p
RA_0- IC9500 N4 LVDS0n

GND

IC9500 A1 GND … L9 GND
T1 … H10
A5 … K10
T5 … G11
F6 … L11
K6 … A12
L6 … T12
G7 … A16
J7 … T16
F8 … J5 GNDG_PLL1
H8 … J6 GNDA_PLL1
K8 … J11 GNDA_PLL2
L8 … J12 GNDG_PLL2
F9 … F11 GND
G9
J9

VCCI

P3.3V
C9531 6.3V 10u
C9516 16V 0.1u IC9500 C1 VCCIO1
C9517 16V 0.1u IC9500 P1 VCCIO1
C9518 16V 0.1u IC9500 A3 VCCIO2
C9519 16V 0.1u IC9500 G6 VCCIO1
C9520 16V 0.1u IC9500 F7 VCCIO2
C9521 16V 0.1u IC9500 L7 VCCIO4
C9522 16V 0.1u IC9500 F10 VCCIO2
IC9500 L10 VCCIO4
IC9500 K11 VCCIO3
IC9500 A14 VCCIO2
IC9500 T14 VCCIO4
IC9500 C16 VCCIO3
IC9500 P16 VCCIO3

VCCINT

P1.5V
C9526 6.3V 10u
L9501 JOJHC0000078 IC9500 H6 VCCA_PLL1
C9523 16V 0.1u IC9500 A7 VCCINT
C9524 16V 0.1u IC9500 H7 VCCINT
C9525 16V 0.1u IC9500 K7 VCCINT
C9527 16V 0.1u IC9500 T7 VCCINT
C9528 16V 0.1u IC9500 G8 VCCINT
C9529 16V 0.1u IC9500 J8 VCCINT
C9530 16V 0.1u IC9500 H9 VCCINT
IC9500 J10 VCCINT
IC9500 T10 VCCINT
L9502 JOJHC0000078 IC9500 H11 VCCA_PLL2
IC9500 A10 VCCINT
IC9500 G10 VCCINT
IC9500 K9 VCCINT

IC9500
C1ZBZ0002599

LVDS
SYNC PROCESSING
WB ADJ
DISCHARGE CONTROL
FLASH CONTROL
FPGA CONTROL

FPGA,ASIC

DATA_DRIVER

DD_ODEU_R IC9500 C13 LVDS33p ODEU
DD_ODEU_L IC9500 R13 LVDS32n ODEU
DD_CLRU IC9500 A13 LVDS32p CLRU
DD_PCU1 IC9500 R12 LVDS31n PCU
DD_LEU IC9500 A11 LVDS28n LEU
DD_PCU2 IC9500 C12 LVDS31p PCU2
DD_ODED_R IC9500 R12 LVDS55n ODED
DD_ODED_L IC9500 P12 LVDS55p ODED
DD_CLRD IC9500 R13 LVDS54n CLRD
DD_PCD2 IC9500 P13 LVDS53n PCD2
DD_PCD1 IC9500 P11 LVDS57n PCD
DD_LED IC9500 T13 LVDS54p LED

TEST

IC9500 F5 DPCLK1 XRST

IIC

P3V_SDA/0 P3V_SCL/0
R9244 100
R9245 100
IC9500 T15 LVDS52p SCL
IC9500 R15 LVDS52n SDA

OTHER

FVSEL IC9500 T11 LVDS59n FVSEL
VREF1B1 LVDSbit IC9500 H5
SOS9_CONF IC9500 R16 LVDS50p Nosync
R9545 300k

MODEL SELECTION

IC9500 E4 LVDS12n MODEL[0]
R9537 10k

LVDS_MODE IC9500 G5 VREF0B1 LVDSmode
INEXCH R9526 0 IC9500 N6 LVDS67n INEXCH
IC9500 J3 MSEL0
IC9500 J2 MSEL1

CONTROL

R9548 10k R9549 10k R9550 10k
PSTB IC9500 P6 LVDS66p p_stb
PDB1 IC9500 M5 DPCLK7 p_db1
PDB0 IC9500 N5 LVDS67p p_db0
PSLCT IC9500 R6 LVDS66n p_slct
PBUSY IC9500 T6 LVDS65p p_busy

TP

IC9500 J16 PLL2_OUTp
IC9500 H16 LVDSCLK2n
R9546 10k

P3.3V R9543 10k R9544 10k
TDI_TO_68_L R9507 0
TDO_TO_FPGA R9506
TMS IC9500 J15 TMS
TCK IC9500 J14 TCK
R9542 68
C9532 50V 100p
IC9500 H14 TDI
IC9500 H15 TDO

RESET

DRVMUTE IC9500 P14 LVDS51p DRVMUTE
DRVRST IC9500 R14 LVDS53p DRVRST
NRST IC9500 M12 DPCLK6 NRST
R9630 10k

LSI58

LATCH R9536 47
SFVRST R9534 EXB38V470JV
SFRST
FPDAT1
FPDAT0
FPCLK R9535 47
IC9500 A15 LVDS34p LATCH
IC9500 D13 LVDS35p SFVRST
IC9500 B14 LVDS33n SFRST
IC9500 F12 DPCLK4 FPDATA1
IC9500 D12 LVDS30n FPDATA0
IC9500 E12 DPCLK3 FPCLK

NC

IC9500 T2 LVDS71n … IC9500 M3 LVDS3n
R3 LVDS16p … N2 LVDS3p
T3 LVDS11n … R2 LVDS71p
G3 LVDS9n … F3 LVDS9p
K2 PLL1_OUTn
L3 IO … L5 DPCLK0
L4 IO … K5 VREF2B1
B2 LVDS15p … R3 LVDS70p
A2 LVDS15n

FREE RUN CLK

IC9500 G16 LVDSCLK2p PRCK0
IC9500 E5 DPCLK2
IC9500 J1 PLL1_OUTp

WHITE SIGNAL

IC9500 R11 LVDS57p D5_DETO

P3V_SDA/0 P3V_SCL/0 D5_DETO

PICTURE_OUTPUT(R)
/FLASH_CONTROL

LBR_RI0 IC9500 D5 LVDS19p R[0]_R/romadrs[19]
LBR_RI1 IC9500 B7 LVDS21n R[1]_R/romadrs[13]
LBR_RI2 IC9500 E6 VREF2B2 R[2]_R/romadrs[14]
LBR_RI3 IC9500 B5 LVDS19p R[3]_R/romadrs[-1]
LBR_RI4 IC9500 C5 LVDS18n R[4]_R/romadrs[20]
LBR_RI5 IC9500 C7 LVDS22p R[5]_R/romadrs[12]
LBR_RI6 IC9500 C6 LVDS20p R[6]_R/romadrs[16]
LBR_RI7 IC9500 A6 LVDS21p R[7]_R/romadrs[18]
LBR_RI8 IC9500 D6 LVDS19n R[8]_R/romadrs[15]
LBR_RI9 IC9500 B6 LVDS20n R[9]_R/romadrs[17]
LBR_GI0 IC9500 E7 IO G[0]_R/romadrs[10]
LBR_GI1 IC9500 C8 LVDS24n G[1]_R/romadrs[07]
LBR_GI2 IC9500 A8 LVDS23n G[2]_R/romadrs[09]
LBR_GI3 IC9500 B8 LVDS23p G[3]_R/romadrs[08]
LBR_GI4 IC9500 D7 LVDS22n G[4]_R/romadrs[11]
LBR_GI5 IC9500 A9 LVDS26n G[5]_R/romadrs[04]
LBR_GI6 IC9500 E8 IO G[6]_R/romadrs[05]
LBR_GI7 IC9500 B10 LVDS28p G[7]_R/romdata[07]
LBR_GI8 IC9500 D8 LVDS24p G[8]_R/romadrs[06]
LBR_GI9 IC9500 B9 LVDS26p G[9]_R/romadrs[03]
LBR_BI0 IC9500 E9 IO B[0]_R/romadrs[00]
LBR_BI1 IC9500 D9 LVDS25n B[1]_R/romadrs[01]
LBR_BI2 IC9500 C10 LVDS27n B[2]_R/romdata[06]
LBR_BI3 IC9500 E10 VREF1B2 B[3]_R/romdata[04]
LBR_BI4 IC9500 D10 LVDS27p B[4]_R/romdata[05]
LBR_BI5 IC9500 C9 LVDS25p B[5]_R/romadrs[02]
LBR_BI6 IC9500 E11 VREF0B2 B[6]_R/romdata[00]
LBR_BI7 IC9500 B11 LVDS29p B[7]_R/romdata[03]
LBR_BI8 IC9500 C11 LVDS29n B[8]_R/romdata[02]
LBR_BI9 IC9500 D11 LVDS30p B[9]_R/romdata[01]

LBR_VDI R9553 47 IC9500 B15 LVDS34n M_VDO_R
LBR_HDI R9554 47 IC9500 B16 LVDS36n M_HDO_R
LBR_DCK R9552 47 IC9500 C15 LVDS36p M_DCKO_R
LBR_MASK IC9500 C14 LVDS35n MASK_R

P3.3V
R9555 10k R9556 10k R9557 10k
AA_XWE IC9500 B4 LVDS17p rom_WE
AA_XCE_R IC9500 C4 LVDS16n rom_CE_R
A_XCE_L IC9500 E3 LVDS11p rom_CE_L
AA_XOE IC9500 D3 LVDS12p rom_OE
AA_BYTE IC9500 A4 LVDS17n rom_BYTE

PICTURE_OUTPUT(L)

LBL_RI0 IC9500 D14 LVDS37p M_ROUT0
LBL_RI1 IC9500 F15 LVDS40n M_ROUT1
LBL_RI2 IC9500 F13 LVDS41p M_ROUT2
LBL_RI3 IC9500 D16 LVDS39p M_ROUT3
LBL_RI4 IC9500 D15 LVDS38n M_ROUT4
LBL_RI5 IC9500 F14 LVDS41n M_ROUT5
LBL_RI6 IC9500 E14 LVDS38p M_ROUT6
LBL_RI7 IC9500 E16 LVDS40p M_ROUT7
LBL_RI8 IC9500 E13 LVDS37n M_ROUT8
LBL_RI9 IC9500 E15 LVDS39n M_ROUT9
LBL_GI0 IC9500 G12 VREF0B3 M_GOUT0
LBL_GI1 IC9500 G14 LVDS43n M_GOUT1
LBL_GI2 IC9500 F16 LVDS42p M_GOUT2
LBL_GI3 IC9500 G15 LVDS42n M_GOUT3
LBL_GI4 IC9500 G13 LVDS43p M_GOUT4
LBL_GI5 IC9500 K16 LVDS44p M_GOUT5
LBL_GI6 IC9500 H12 VREF1B3 M_GOUT6
LBL_GI7 IC9500 K15 PLL2_OUTn M_GOUT7
LBL_GI8 IC9500 H13 IO M_GOUT8
LBL_GI9 IC9500 K14 IO M_GOUT9
LBL_BI0 IC9500 K12 VREF2B3 M_BOUT0
LBL_BI1 IC9500 L13 LVDS47p M_BOUT1
LBL_BI2 IC9500 L16 LVDS44n M_BOUT2
LBL_BI3 IC9500 M13 LVDS48p M_BOUT3
LBL_BI4 IC9500 L15 LVDS45p M_BOUT4
LBL_BI5 IC9500 L14 LVDS45n M_BOUT5
LBL_BI6 IC9500 N13 LVDS51n M_BOUT6
LBL_BI7 IC9500 M16 LVDS46p M_BOUT7
LBL_BI8 IC9500 M15 LVDS46n M_BOUT8
LBL_BI9 IC9500 M14 LVDS47n M_BOUT9

LBL_VDI R9531 47 IC9500 N14 LVDS48n M_VDO_L
LBL_HDI R9532 47 IC9500 N15 LVDS49n M_HDO_L
LBL_DCK R9533 47 IC9500 N16 LVDS49p M_DCKO_L
LBL_MASK IC9500 P15 LVDS50n MASK_L

P3.3V R9560 10k
BUS_SW IC9500 M11 VREF0B4 BUS_SW

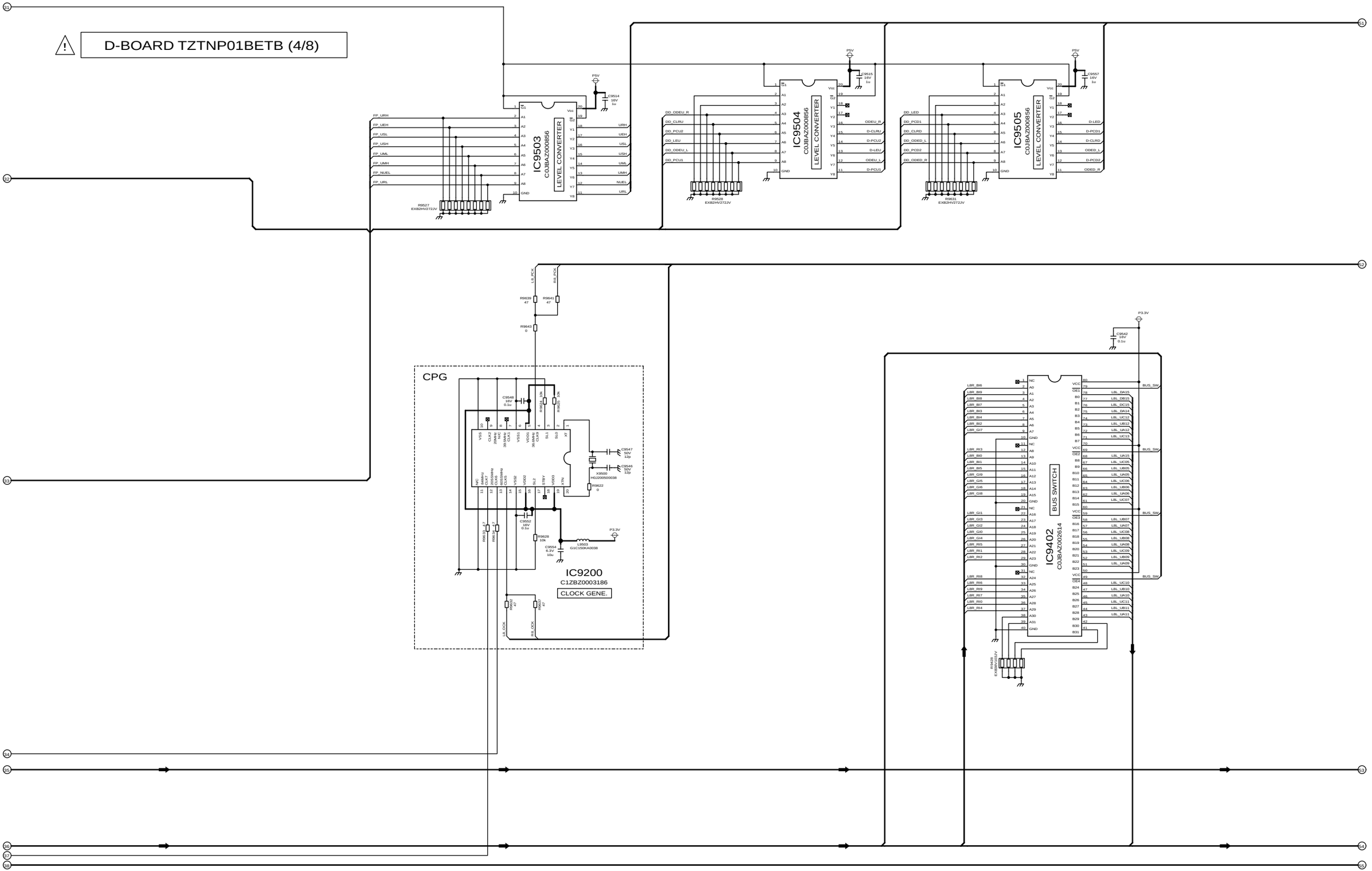
SS_PULSE

FP_DMHR IC9500 P4 LVDS70n DMHR
FP_DMLL IC9500 R4 LVDS69p DMLL
FP_DMHL IC9500 T4 LVDS69n DMHL
FP_DSLL IC9500 P5 LVDS68n DSLL
FP_DSHL IC9500 R5 LVDS68p DSHL
FP_UML IC9500 N7 LVDS64n UML
FP_UMH IC9500 M7 IO UMH
FP_USL IC9500 R7 LVDS65n USL
FP_NUEL IC9500 M6 VREF2B4 NUEL
FP_UEH IC9500 T8 LVDS63n UEL
FP_USH IC9500 P7 LVDS64p USH
FP_URH IC9500 N12 LVDS66n URH
FP_URL IC9500 N11 LVDS66p URL

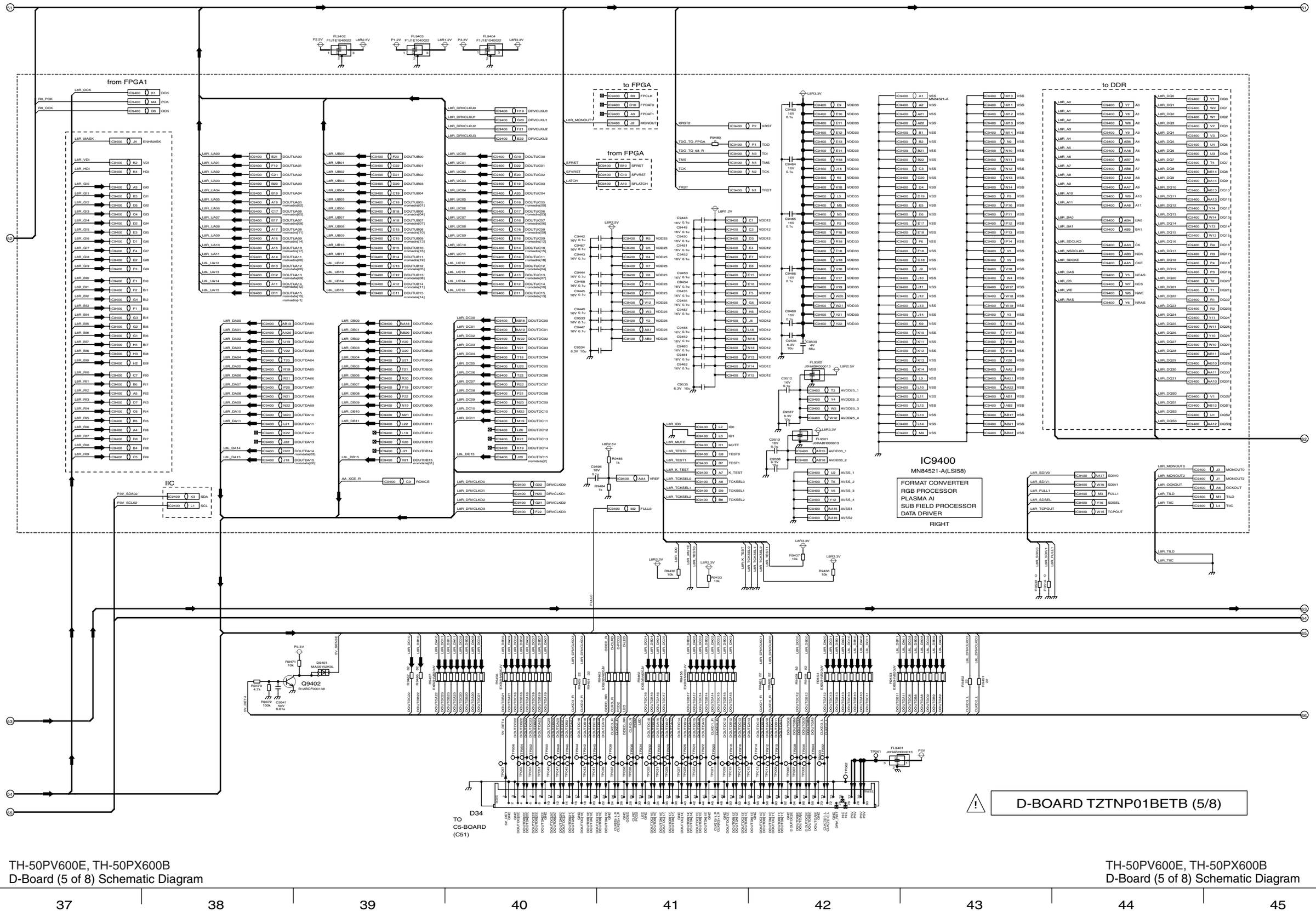
CLK_INPUT

IC9500 L12 DPCLKS CLKM_IN

D-BOARD TZTNP01BETB (4/8)



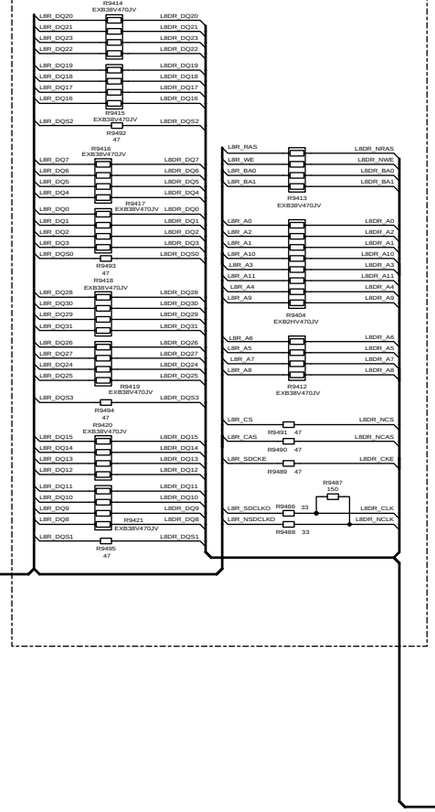
TH-50PV600E, TH-50PX600B
D-Board (4 of 8) Schematic Diagram

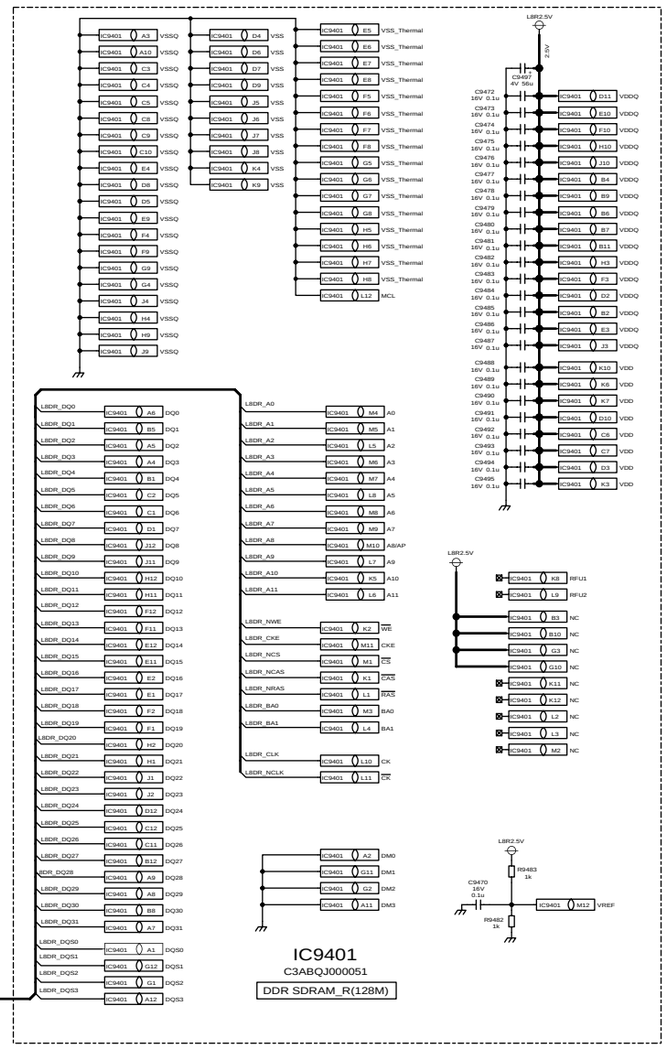


TH-50PV600E, TH-50PX600B
D-Board (5 of 8) Schematic Diagram

TH-50PV600E, TH-50PX600B
D-Board (5 of 8) Schematic Diagram

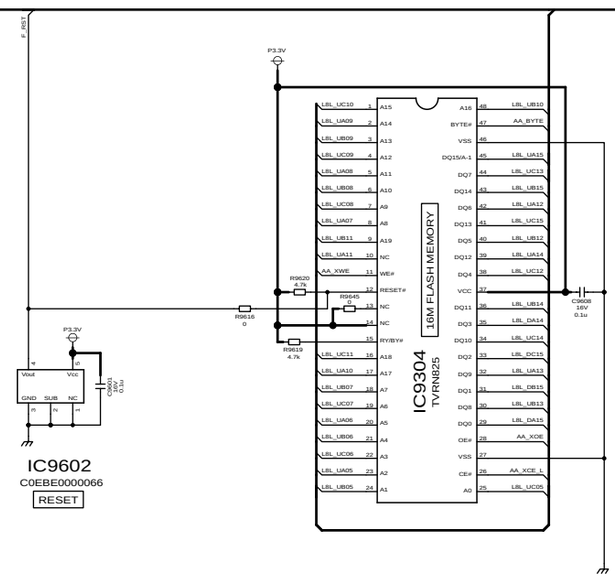
DDR-Terminate



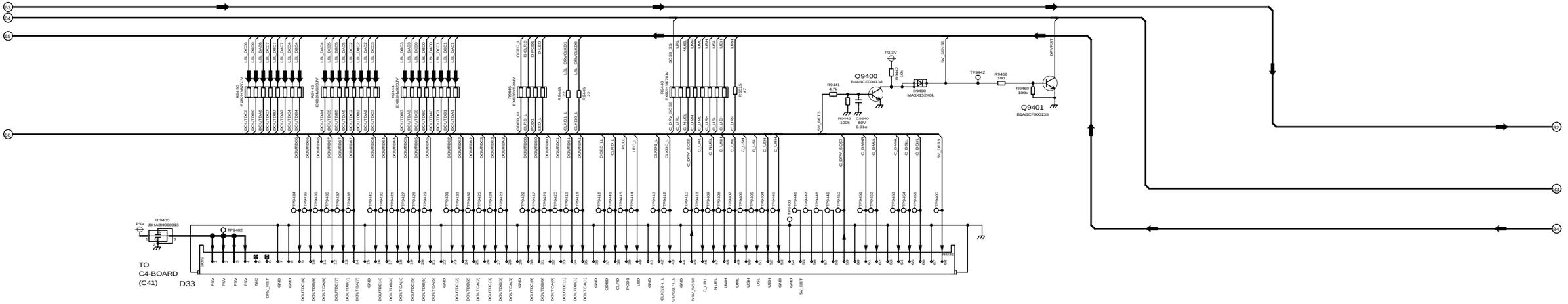


IC9401
C3ABQJ000051
DDR SDRAM_R(128M)

IC9602
C0EBE0000066
RESET



D-BOARD TZTNP01BETB (6/8)



TH-50PV600E, TH-50PX600B
D-Board (6 of 8) Schematic Diagram

D-BOARD TZTNP01BETB (7/8)

TO C2-BOARD (C21)

D31

IC9300

MN84521-A(LSI58)

FORMAT CONVERTER
RGB PROCESSOR
PLASMA AI
SUB FIELD PROCESSOR
DATA DRIVER

LEFT

from FPGA1

from FPGA

to DDR

IIC

D-BOARD TZTNP01BETB (8/8)

TO C3-BOARD (C31)

D32

ZA9001 K4CD01000011

FL9300 F1J1E1040022

TP9063 TP9064 TP9330

P3.3V R9496 10k D9300 MA3X152KOL Q9301 B1ABCF000138 R9497 4.7k R9498 100k C9366 50V 0.01u

DDR-Terminate

R9588 EXB38V4702V
L8L_DQ20 L8DL_DQ20
L8L_DQ21 L8DL_DQ21
L8L_DQ23 L8DL_DQ23
L8L_DQ22 L8DL_DQ22
R9589 EXB38V4702V
L8L_DQ19 L8DL_DQ19
L8L_DQ18 L8DL_DQ18
L8L_DQ17 L8DL_DQ17
L8L_DQ16 L8DL_DQ16
R9596 47
L8L_DQS2 L8DL_DQS2
R9590 EXB38V4702V
L8L_DQ7 L8DL_DQ7
L8L_DQ6 L8DL_DQ6
L8L_DQ5 L8DL_DQ5
L8L_DQ4 L8DL_DQ4
R9591 EXB38V4702V
L8L_DQ0 L8DL_DQ0
L8L_DQ1 L8DL_DQ1
L8L_DQ2 L8DL_DQ2
L8L_DQ3 L8DL_DQ3
R9597 47
L8L_DQS0 L8DL_DQS0
R9592 EXB38V4702V
L8L_DQ31 L8DL_DQ31
L8L_DQ29 L8DL_DQ29
L8L_DQ30 L8DL_DQ30
L8L_DQ28 L8DL_DQ28
L8L_DQ27 L8DL_DQ27
L8L_DQ26 L8DL_DQ26
L8L_DQ25 L8DL_DQ25
L8L_DQ24 L8DL_DQ24
R9593 EXB38V4702V
L8L_DQS3 L8DL_DQS3
R9598 47
R9594 EXB38V4702V
L8L_DQ15 L8DL_DQ15
L8L_DQ14 L8DL_DQ14
L8L_DQ13 L8DL_DQ13
L8L_DQ12 L8DL_DQ12
R9595 EXB38V4702V
L8L_DQ8 L8DL_DQ8
L8L_DQ9 L8DL_DQ9
L8L_DQ10 L8DL_DQ10
L8L_DQ11 L8DL_DQ11
L8L_DQS1 L8DL_DQS1
R9599 47

L8L_RAS L8DL_NRAS
L8L_WE L8DL_NWE
L8L_BA0 L8DL_BA0
L8L_BA1 L8DL_BA1
R9587 EXB38V4702V
L8L_A0 L8DL_A0
L8L_A2 L8DL_A2
L8L_A1 L8DL_A1
L8L_A10 L8DL_A10
L8L_A3 L8DL_A3
L8L_A11 L8DL_A11
L8L_A4 L8DL_A4
L8L_A9 L8DL_A9
R9371 EXB2HV470JV
L8L_A6 L8DL_A6
L8L_A5 L8DL_A5
L8L_A7 L8DL_A7
L8L_A8 L8DL_A8
R9374 EXB38V470JV
L8L_CS R9372 47 L8DL_NCS
L8L_CAS L8DL_NCAS
L8L_SDCKE R9585 47 L8DL_CKE
R9586 47
R9375 150
L8L_SDCLKO R9373 33 L8DL_CLK
L8L_NSDCLKO L8DL_NCLK
R9584 33

DDR-SDRAM L

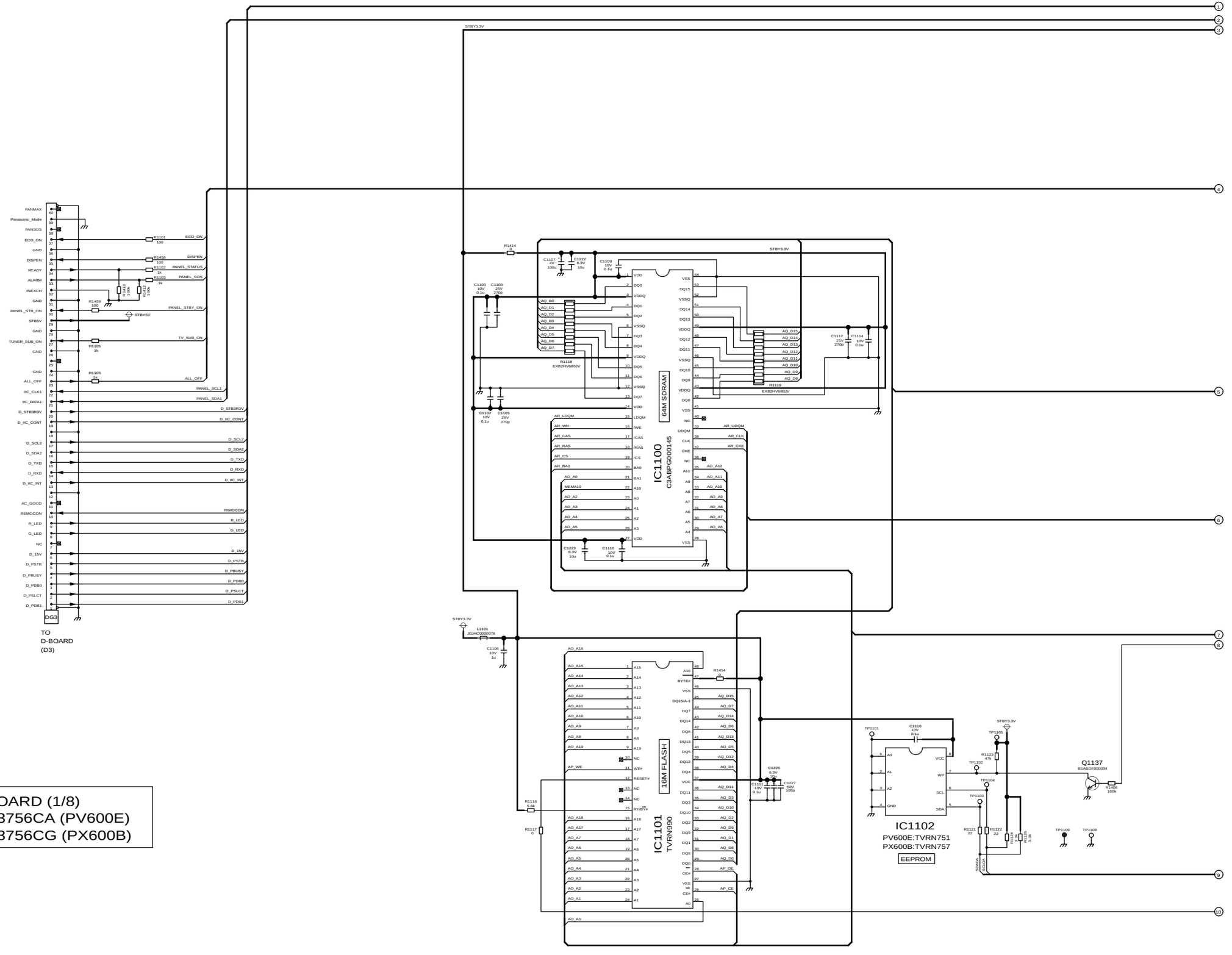
L8L2.5V C9352 4V 56u C9327 16V 0.1u C9328 16V 0.1u C9329 16V 0.1u C9330 16V 0.1u C9331 16V 0.1u C9332 16V 0.1u C9333 16V 0.1u C9334 16V 0.1u C9335 16V 0.1u C9336 16V 0.1u C9337 16V 0.1u C9338 16V 0.1u C9339 16V 0.1u C9340 16V 0.1u C9341 16V 0.1u C9342 16V 0.1u C9343 16V 0.1u C9344 16V 0.1u C9345 16V 0.1u C9346 16V 0.1u C9347 16V 0.1u C9348 16V 0.1u C9349 16V 0.1u C9350 16V 0.1u

IC9301 C3ABQJ000051
DDR SDRAM_L(128M)

L8L2.5V R9583 1k C9351 16V 0.1u R9582 1k

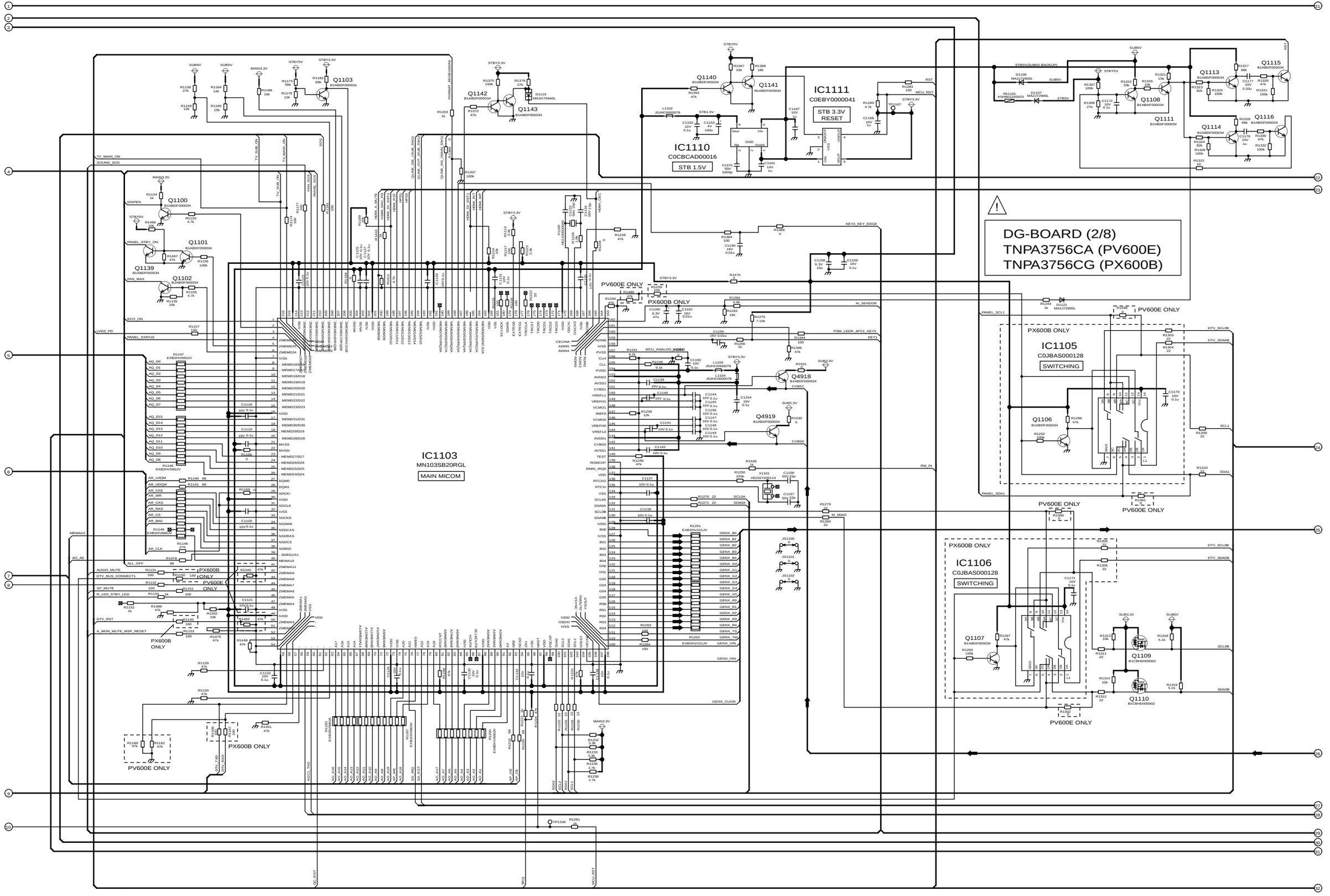
TH-50PV600E, TH-50PX600B
D-Board (8 of 8) Schematic Diagram

TH-50PV600E, TH-50PX600B
D-Board (8 of 8) Schematic Diagram



⚠ DG-BOARD (1/8)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)

TH-50PV600E, TH-50PX600B
DG-Board (1 of 8) Schematic Diagram



TH-50PV600E, TH-50PX600B DG-Board (2 of 8) Schematic Diagram

DG-BOARD (3/8)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)

TO HC-BOARD (HC15)

TO H-BOARD (H2)

TO H-BOARD (H1)

TO PA-BOARD (PA20)

IC1107 C0JBAS000128 Q LINK SW

TH-50PV600E, TH-50PX600B DG-Board (3 of 8) Schematic Diagram

TH-50PV600E, TH-50PX600B DG-Board (3 of 8) Schematic Diagram

19 20 21 22 23 24 25 26 27

DG-BOARD (4/8)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)

IC4013
C0CBCBF00009
AD 3.3V

IC4016
C0CBCAC00275
AVR 1.8V

IC4018
C0CBCAC00275
AVR 1.8V

IC4019
C1AB00002456
10bit A/D(ADV7499)

IC4020
C1AB00002202
GC3FS

IC4014
C0CBCAC00282
AD 2.5V

IC4040
C0CBCAC00282
MAIN 2.5V

IC4017
C0CBCAC00282
PLL 2.5V

TH-50PV600E, TH-50PX600B DG-Board (4 of 8) Schematic Diagram

DG9
HDMI IN 1

DG8
HDMI IN 2

IC4023
TVRN917
EEPROM

IC4022
TVRN916
EEPROM

IC4026
C1AB00002535
HDMI I/F RECEIVER

IC4027
C0DBFFD00003
MAIN 1.8V

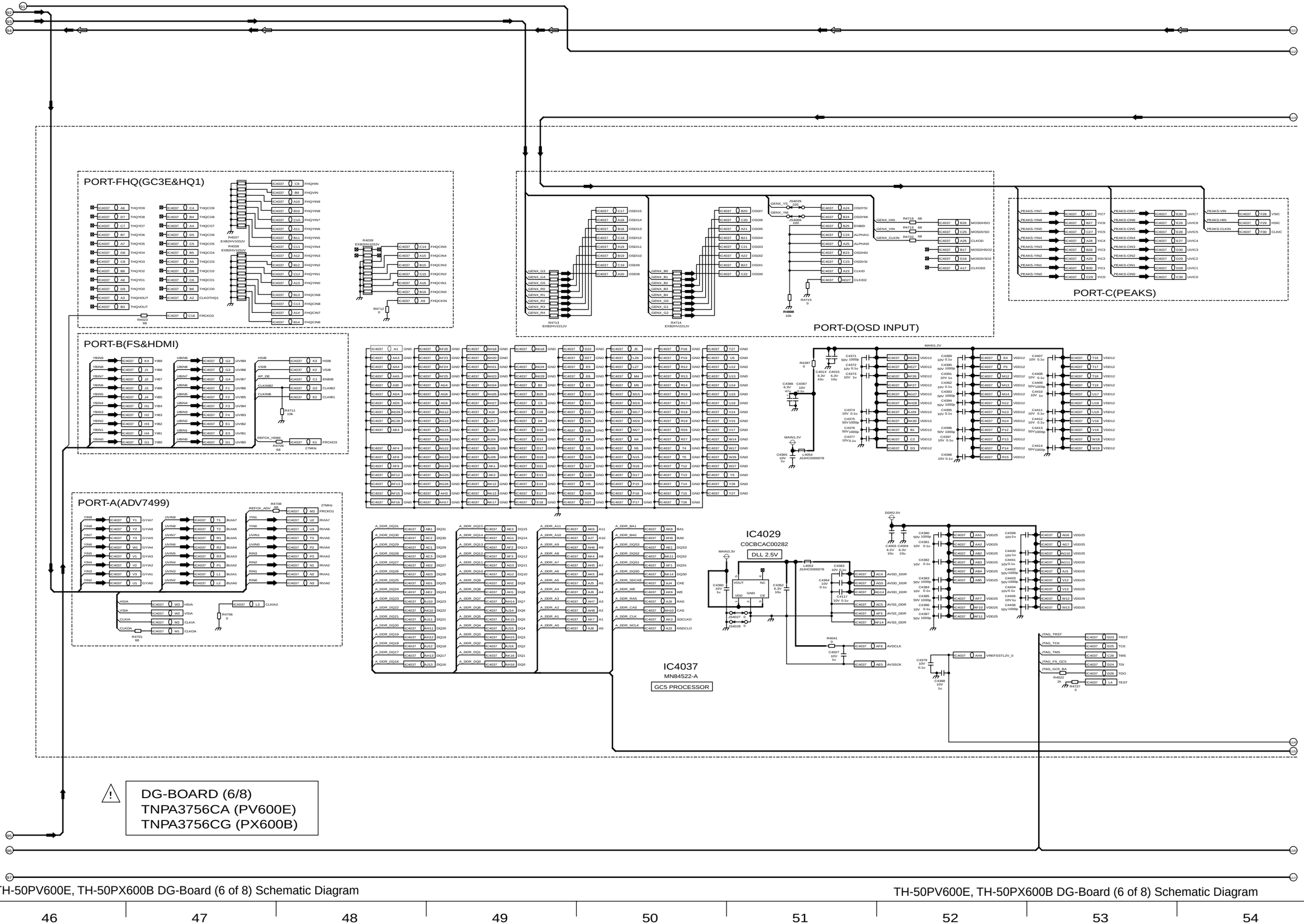
IC4025
C0FBBK000047
AUDIO DAC

IC4028
C0ABBB000230
AUDIO AMP

DIGITAL VIDEO SIGNAL (HDMI)

DG-BOARD (5/8)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)

TH-50PV600E, TH-50PX600B DG-Board (5 of 8) Schematic Diagram


PORT-FHQ(GC3E&HQ1)
PORT-B(FS&HDMI)
PORT-A(ADV7499)
PORT-D(OSD INPUT)
PORT-C(PEAKS)
IC4029
C0CBCAC00282
DLL 2.5V
IC4037
MN84522-A
GC5 PROCESSOR
MAIN1.2V
DDR2.5V
MAIN3.3V
DG-BOARD (6/8)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)

IC4037
MN84522-A
GC5 PROCESSOR

IC4035
C0CBCAF00031
DDR 2.5V

IC4032
C0DBGYY00052
MAIN 1.2V

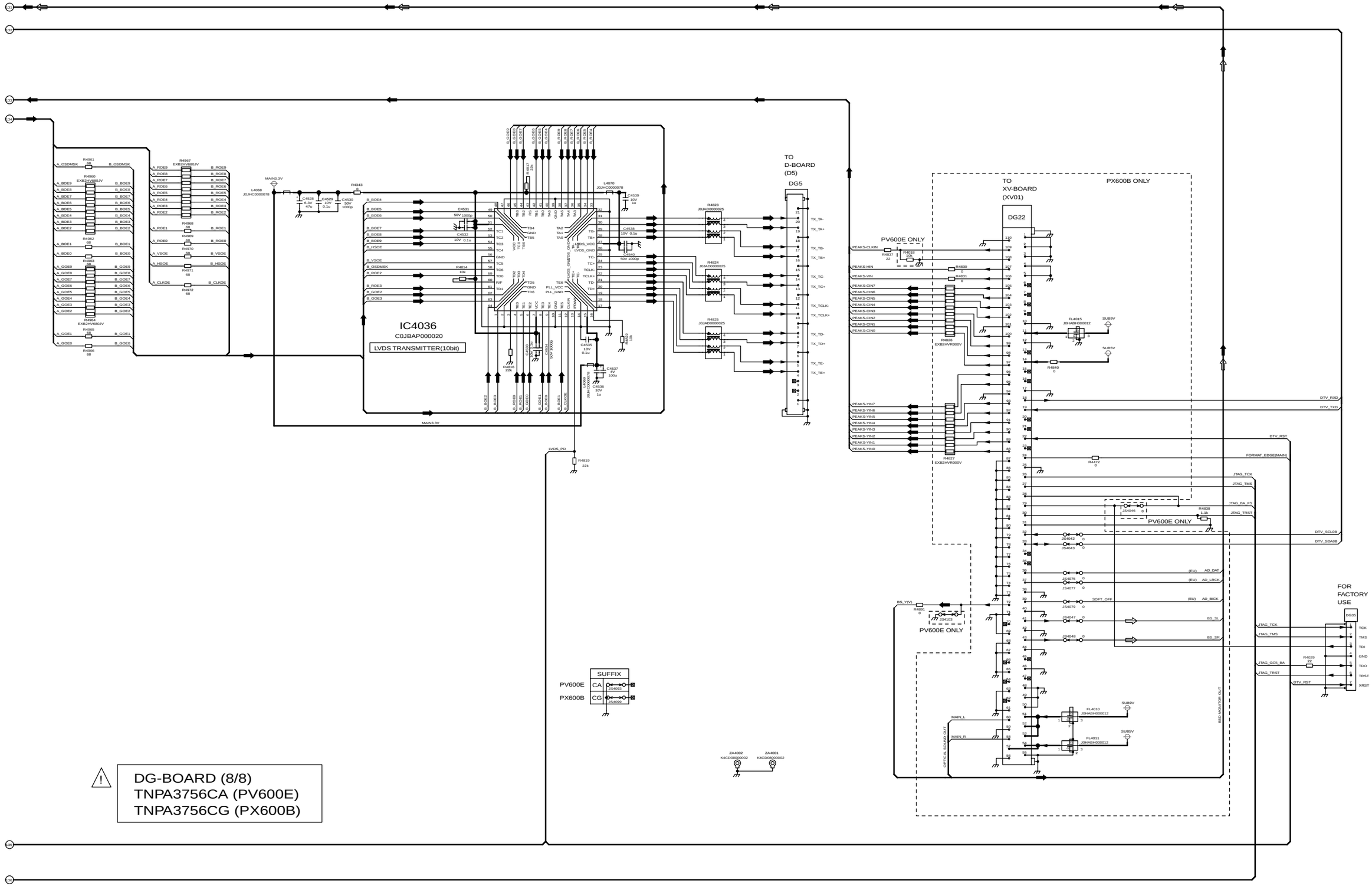
IC4038
C3ABQJ000048
128M DDR SDRAM

IC4030
C0CBCBC00190
PLL 3.3V

PORT-E
(output for Panel)

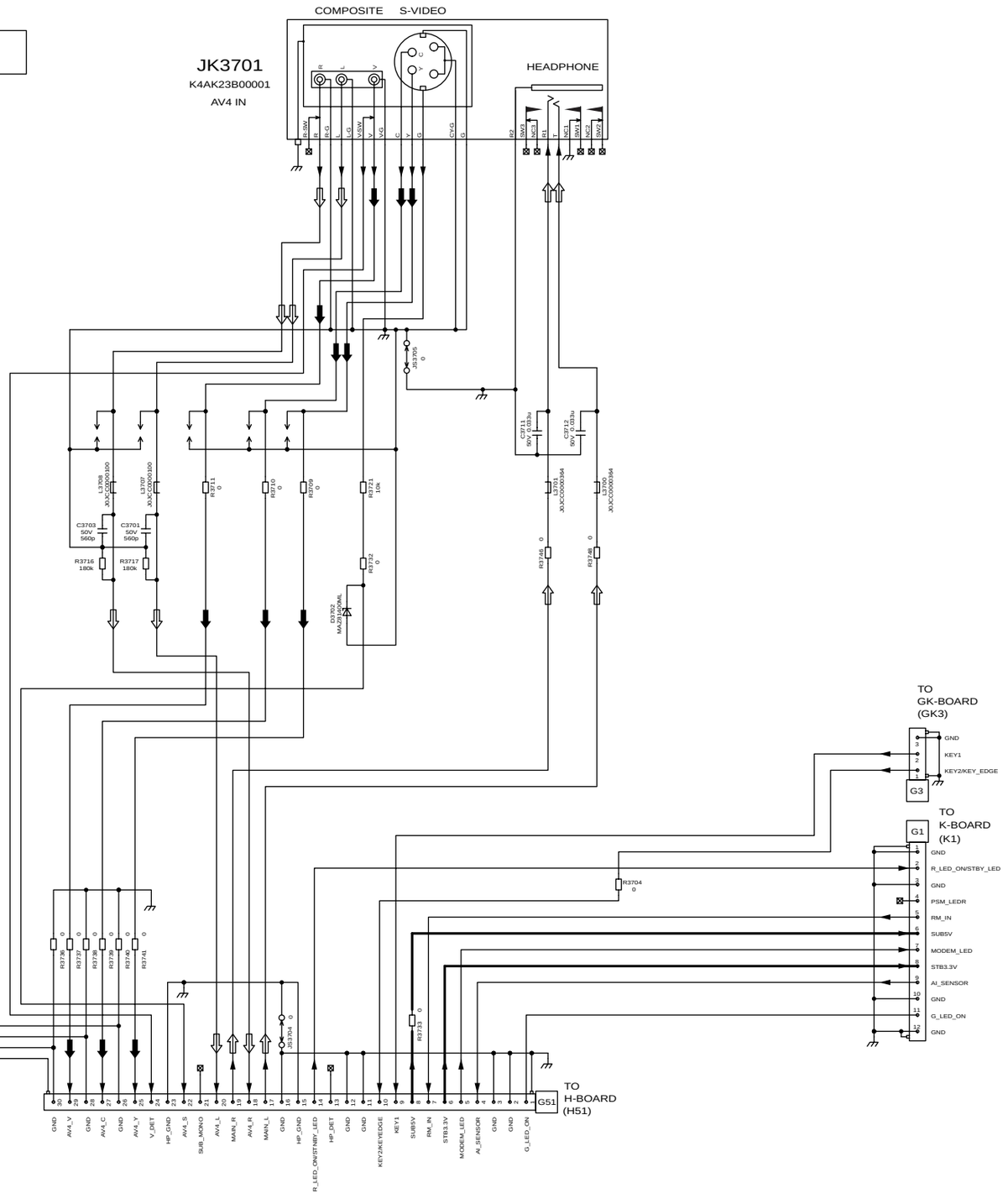
PORT-F(out)
(output for FHD&PWM)

DG-BOARD (7/8)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)



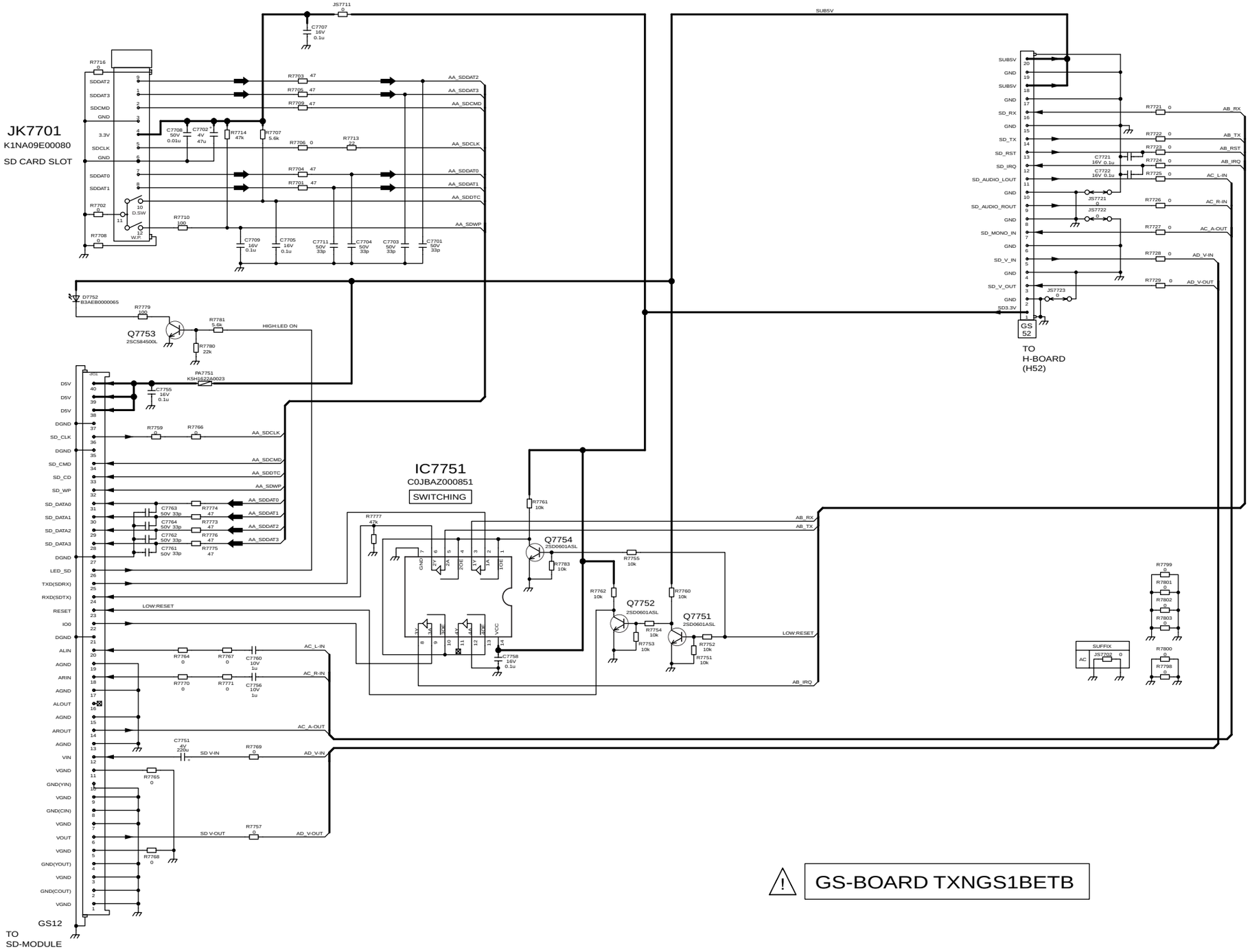
TH-50PV600E, TH-50PX600B
DG-Board (8 of 8) Schematic Diagram

G-BOARD TXN/G1BJTB



TH-50PV600E, TH-50PX600B
G-Board Schematic Diagram

TH-50PV600E, TH-50PX600B
G-Board Schematic Diagram



TH-50PV600E, TH-50PX600B
GS-Board Schematic Diagram

H-BOARD TNPA3759 (1/3)

JK2003
K4BK03A00002
AUDIO IN

JK3001
K1FB315A0005
PC IN

IC3301
C0JBAZ002205
BUFFER

JK3002
K1FB121A0010
SCART

JK3003
K1FB121A0010
SCART

JK3004
K1FB121A0010
SCART

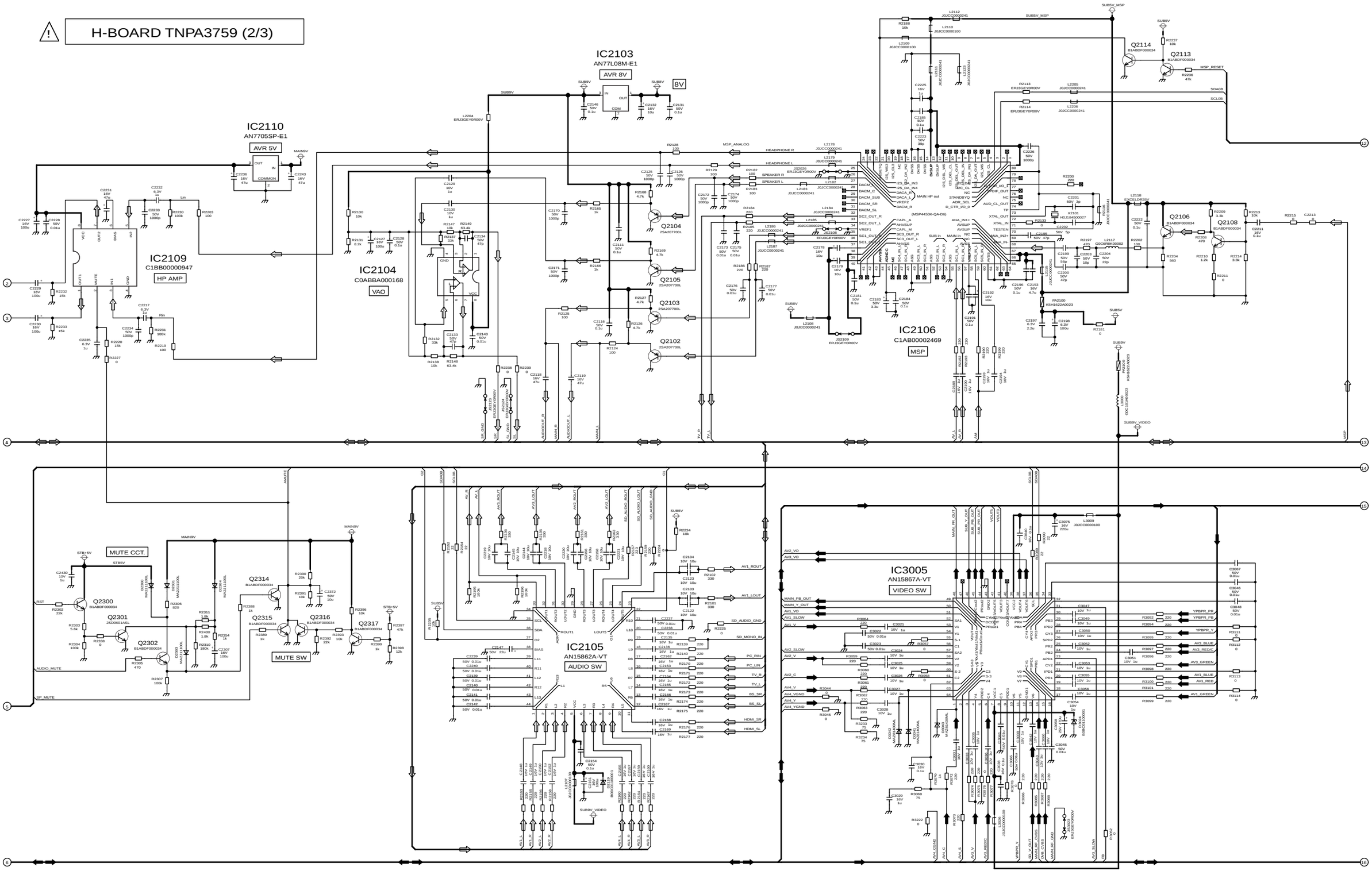
JK3005
K2HA307A0007
COMPONENT VIDEO

JK2002
K4BK03A00002
AUDIO OUT

TH-50PV600E, TH-50PX600B
H-Board (1 of 3) Schematic Diagram

TH-50PV600E, TH-50PX600B H-Board (1 of 3) Schematic Diagram

H-BOARD TNPA3759 (2/3)



TH-50PV600E, TH-50PX600B H-Board (2 of 3) Schematic Diagram

TH-50PV600E, TH-50PX600B H-Board (2 of 3) Schematic Diagram

10 11 12 13 14 15 16 17 18

H-BOARD TNPA3759 (3/3)

TO TA-BOARD (TA5)

TO TA-BOARD (TA6)

FOR FACTORY USE

TO PA-BOARD (PA40)

TO DG-BOARD (DG1)

IC5603
C0DBAJB00004
AVR BT30V

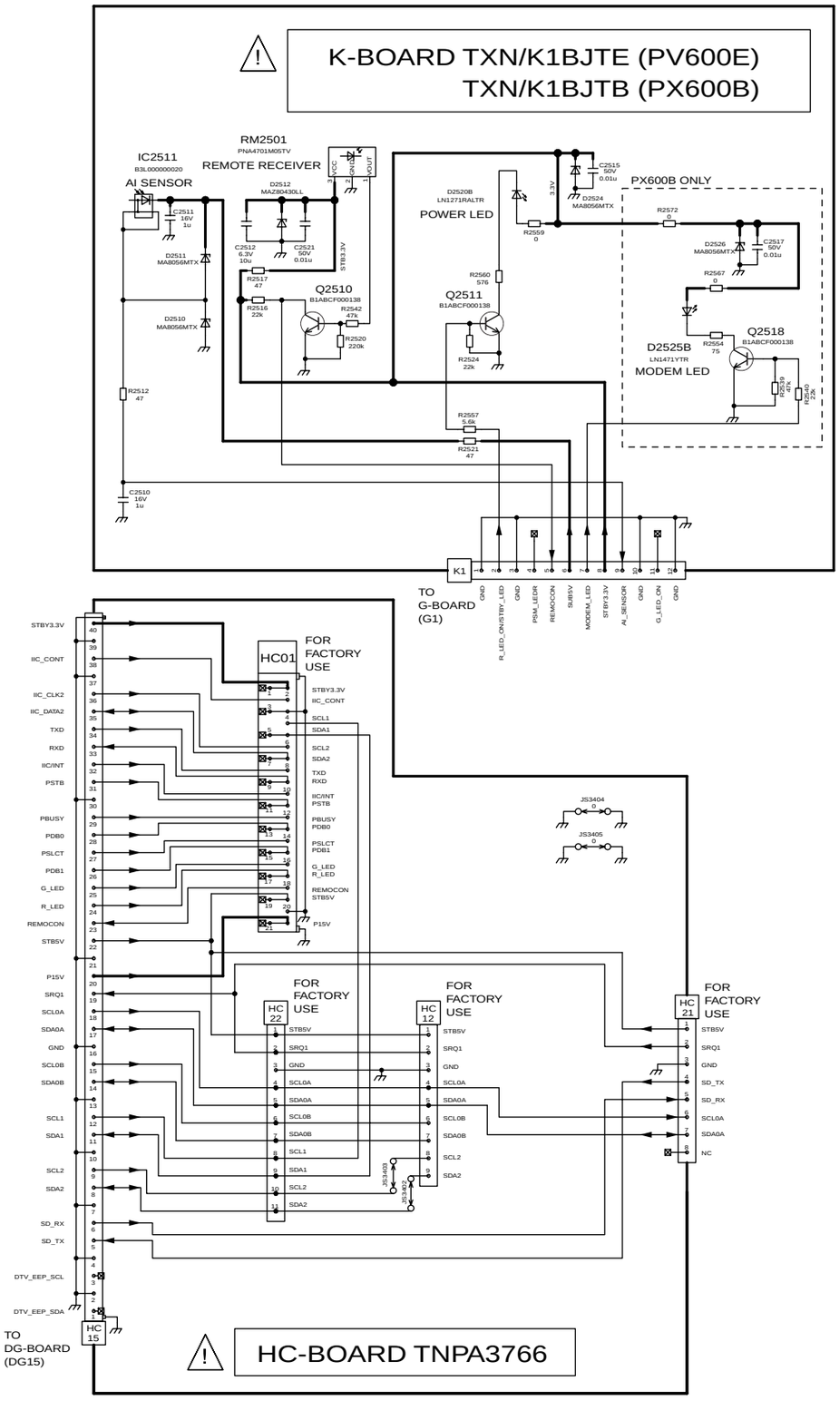
TO G-BOARD (G51)

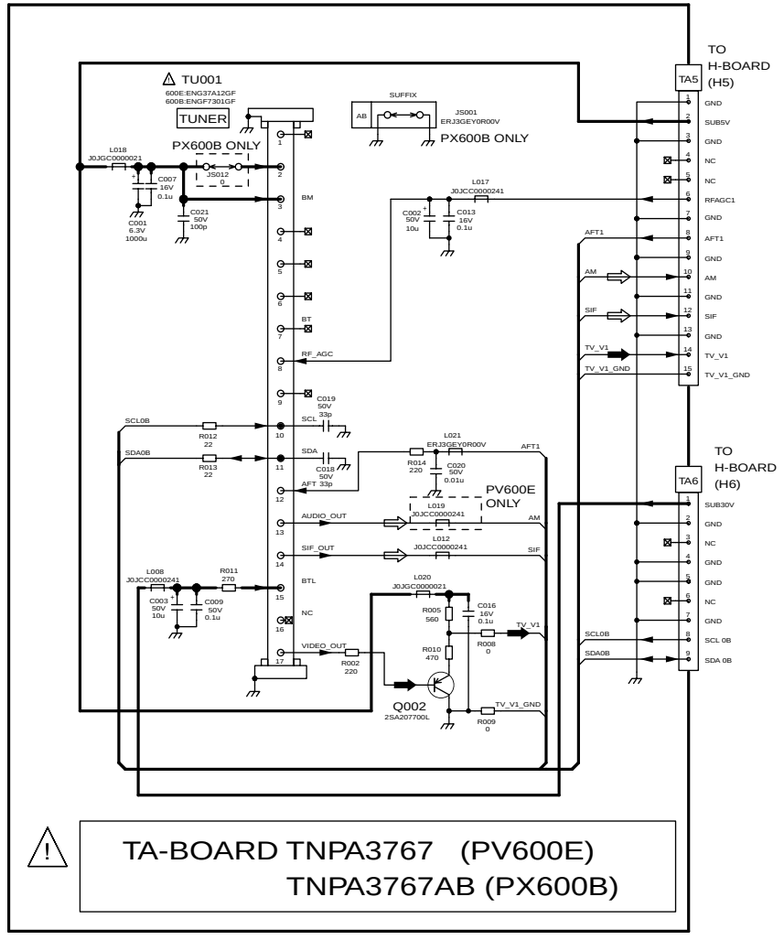
TO GS-BOARD (GS52)

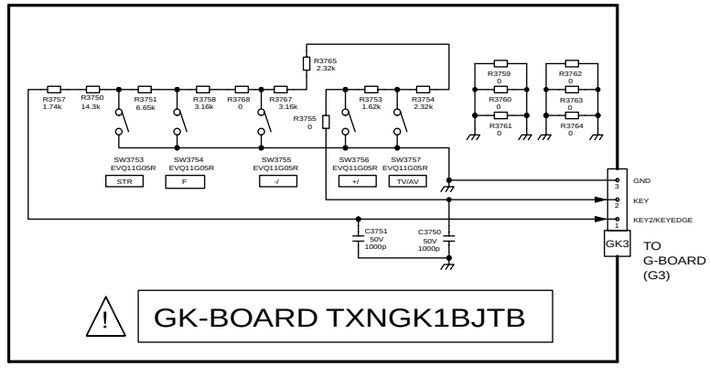
TO DG-BOARD (DG2)

TH-50PV600E, TH-50PX600B H-Board (3 of 3) Schematic Diagram

TH-50PV600E, TH-50PX600B H-Board (3 of 3) Schematic Diagram

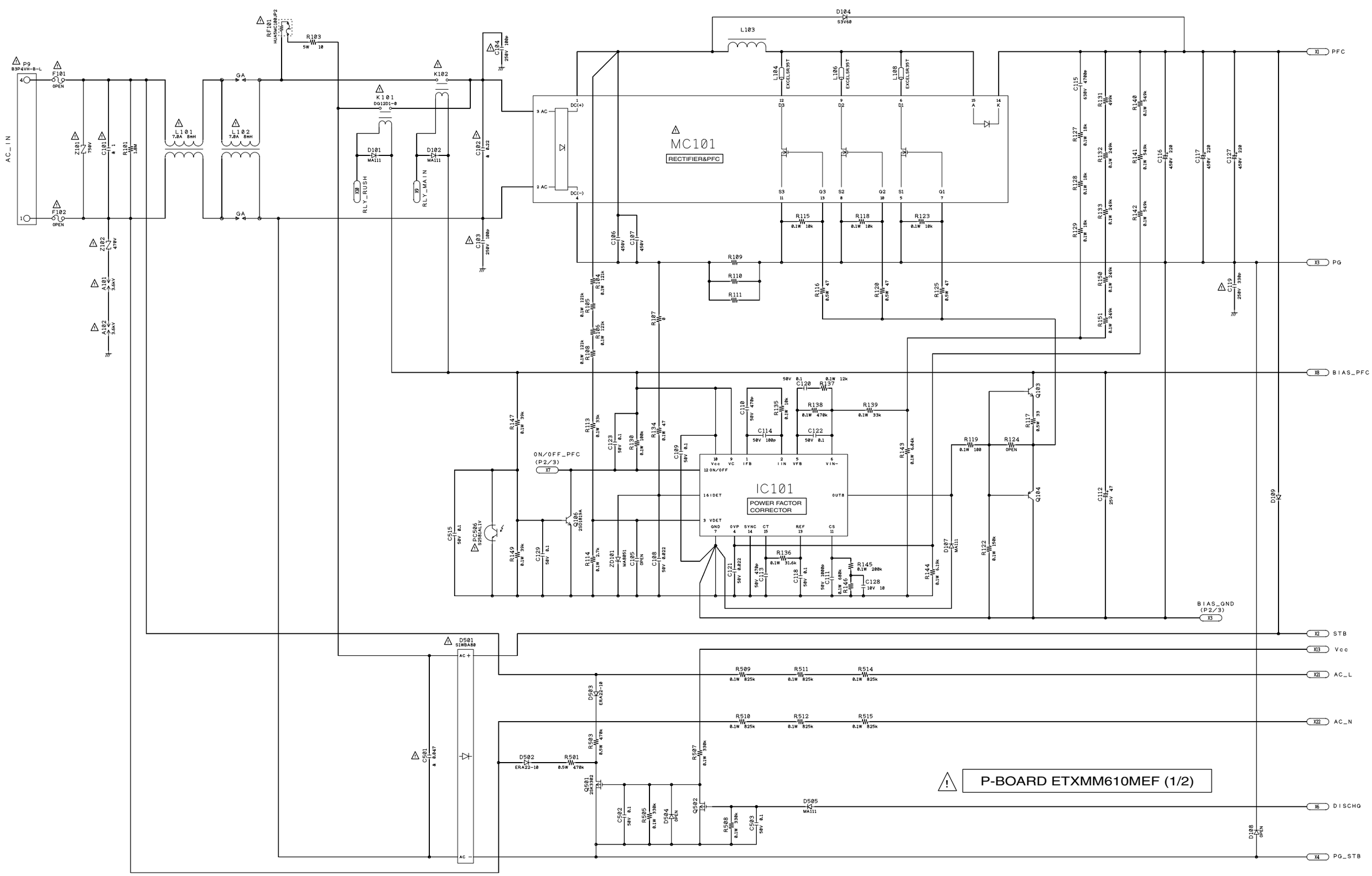






TH-50PV600E, TH-50PX600B GK, HC, K and TA-Board Schematic Diagram

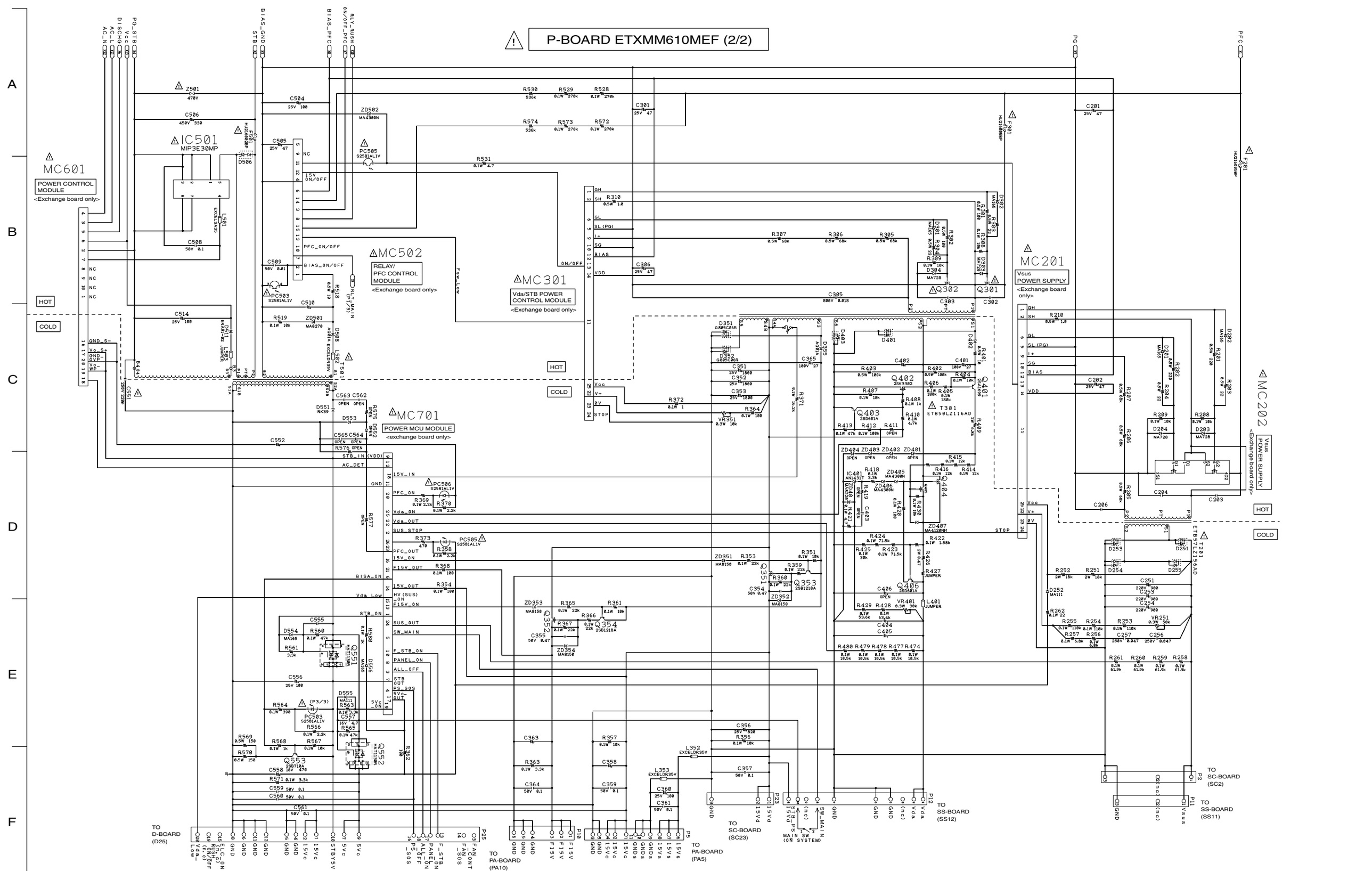
TH-50PV600E, TH-50PX600B
GK, HC, K and TA-Board Schematic Diagram



TH-50PV600E, TH-50PX600B
P-Board (1 of 2) Schematic Diagram

TH-50PV600E, TH-50PX600B
P-Board (1 of 2) Schematic Diagram

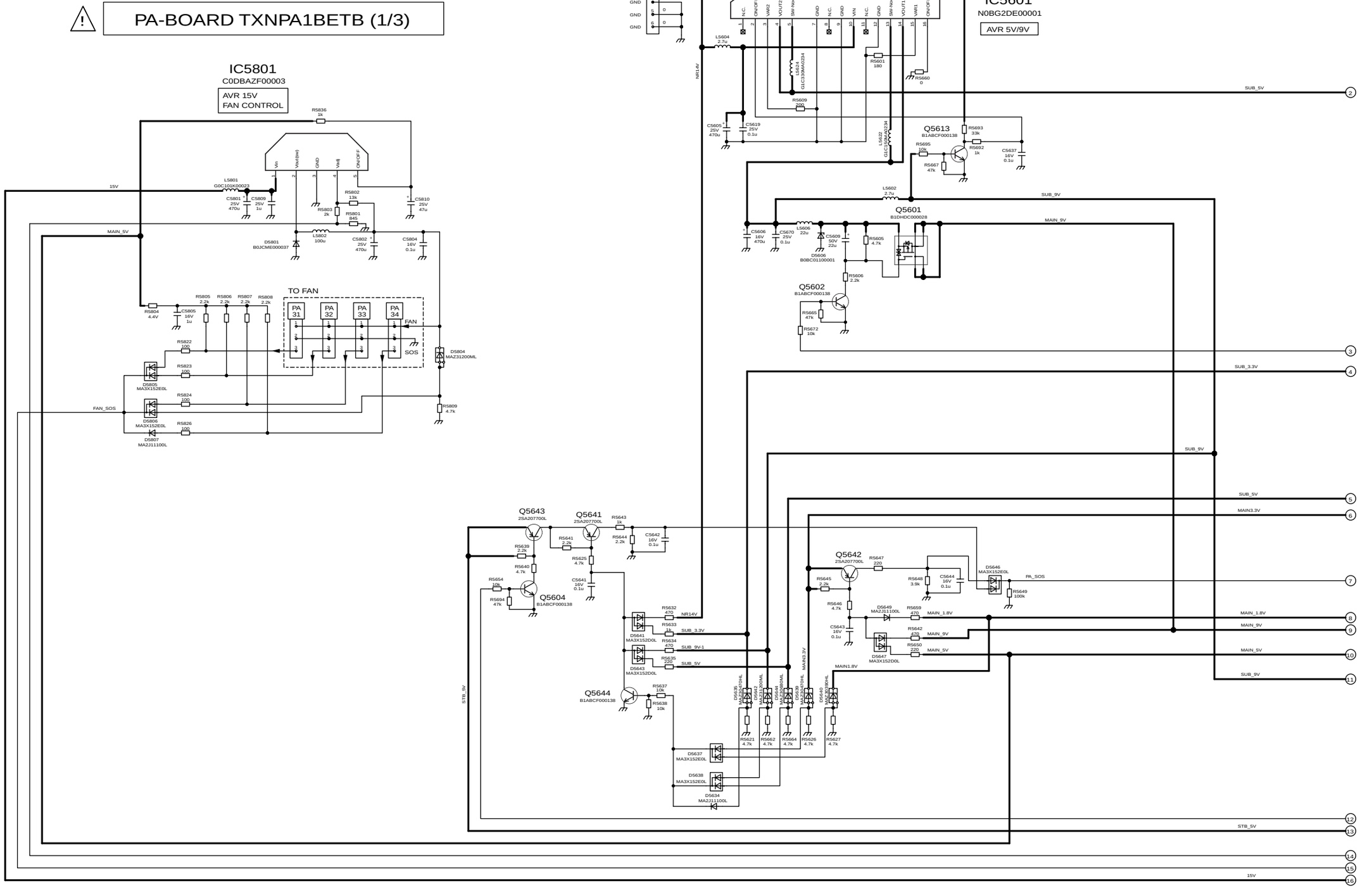
P-BOARD ETXMM610MEF (2/2)



TH-50PV600E, TH-50PX600B (2 of 2) Schematic Diagram

TH-50PV600E, TH-50PX600B P-Board (2 of 2) Schematic Diagram

PA-BOARD TXNPA1BETB (1/3)



TH-50PV600E, TH-50PX600B
PA-Board (1 of 3) Schematic Diagram

TH-50PV600E, TH-50PX600B
PA-Board (1 of 3) Schematic Diagram

PA-BOARD TXNPA1BETB (2/3)

IC5602
EHMDD9851
AVR 1.8V/3.3V

IC5604
C0DBZGC00067
AVR 3.3V

SUFFIX
AE

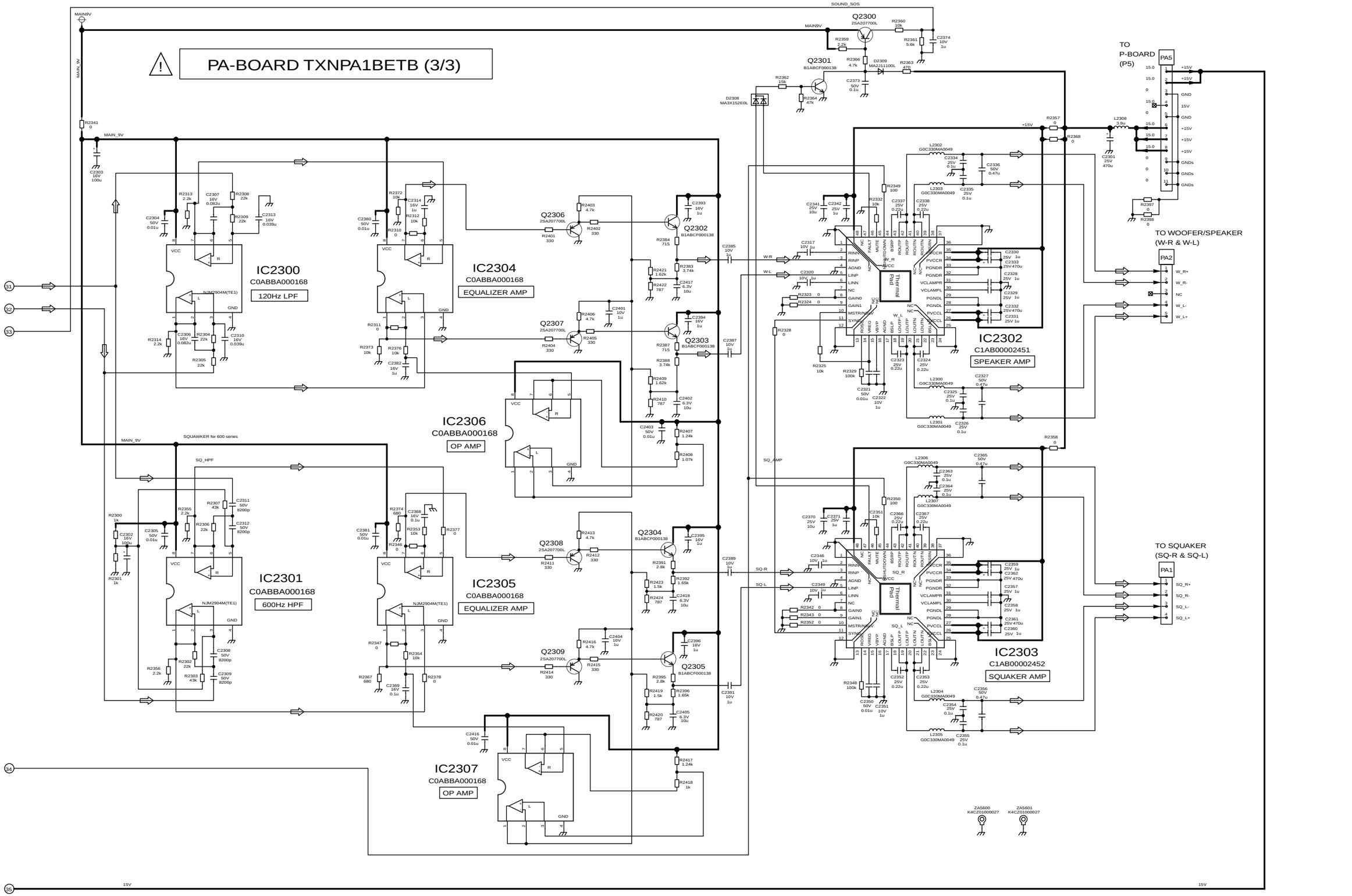
TO
DG-BOARD
(DG20)

TO
H-BOARD
(H40)

TH-50PV600E, TH-50PX600B
PA-Board (2 of 3) Schematic Diagram

TH-50PV600E, TH-50PX600B
PA-Board (2 of 3) Schematic Diagram

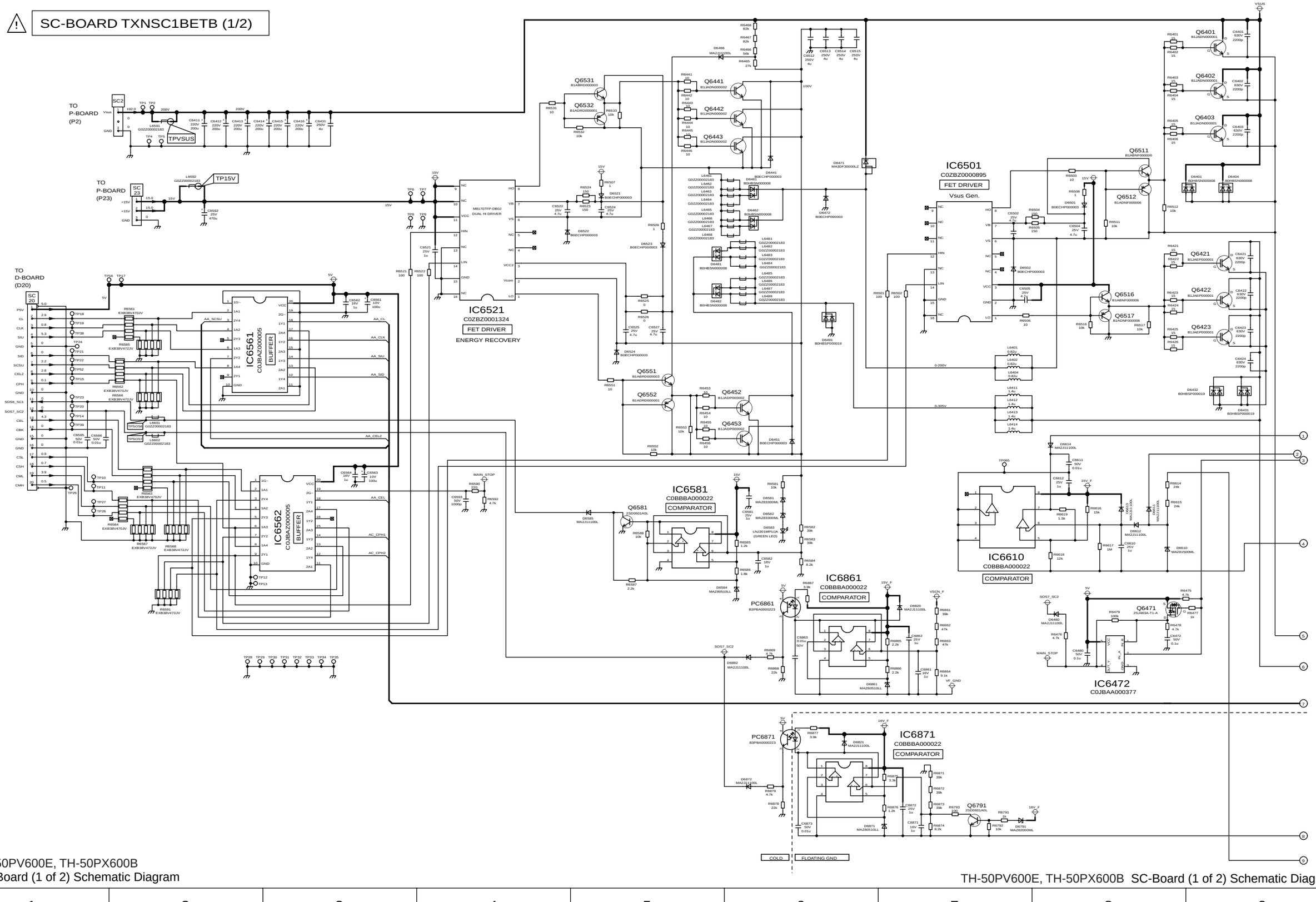
PA-BOARD TXNPA1BETB (3/3)



TH-50PV600E, TH-50PX600B
PA-Board (3 of 3) Schematic Diagram

TH-50PV600E, TH-50PX600B
PA-Board (3 of 3) Schematic Diagram

SC-BOARD TXNSC1BETB (1/2)



TH-50PV600E, TH-50PX600B
SC-Board (1 of 2) Schematic Diagram

TH-50PV600E, TH-50PX600B SC-Board (1 of 2) Schematic Diagram